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ALBUM OF PHILIPPINE TYPES

FOUND IN BILIBID PRISON IN 1903

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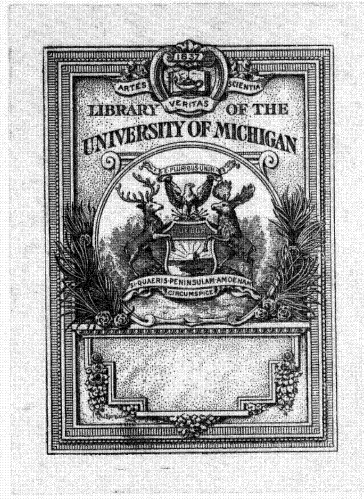

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ALBUM OF PHILIPPINE TYPES

(FOUND IN BILIBID PRISON IN 1903)

CHRISTIANS AND MOROS

(INCLUDING A FEW NON-CHRISTIANS)

EIGHTY PLATES, REPRESENTING THIRTY-SEVEN PROVINCES AND ISLANDS

PREPARED AND PUBLISHED UNDER THE AUSPICES OF THE PHILIPPINE EXPOSITION BOARD

By DANIEL FOLKMAR, D. U. PARIS

MANILA:
BUREAU OF PUBLIC PRINTING.
1904.

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INTRODUCTION.

The 160 photographs of 80 men herewith reproduced for the St. Louis Exposition represent 43 provincial types found in Bilibid Prison in 1903. The student in America may refer to the exhibit of 1,024 photographs and 128 casts in the Exposition, contributed at the same time, which are later to be placed in the National or other museums.[1]

The great Philippine penitentiary contains about 3,000 men. Reasons might be given to justify the writer's impression that they are in large measure fairly typical, physically, of the populations from which they come. The most of them come from the tribes officially denominated "Christian." The only non-Christians found in Bilibid are included in the Album. All the great Christian peoples are represented, and 37 provinces. The individuals here presented have passed through three processes of selection. First, all the men available from a given province, in some cases over one hundred, were lined up by height, and from twenty to fifty, where possible, these being of all heights, were taken for measurements. Secondly, from the ranks of these chosen men a selection was made by intervals for photographs and for more minute study; the resulting list was thus fairly representative of the chief physical types; if any were manifestly abnormal they were rejected. Thirdly, from the large number of photographs thus obtained for the exhibit, fifteen or twenty in the case of some provinces, it was aimed to select two of the best for the Album. As will be seen from the record of measurements printed opposite each photograph, the men selected were generally those nearest the average of their province, although this was impossible in some cases.

Some cautions must be noted. It is needless to say to those acquainted with the art that photographs are not mathematically exact. A superior portrait lens was used in a portion of this work, but distortion was evident in the employment of another lens. It was practically impossible also to turn out this large amount of work exact to a scale and at the same time in good focus. However, there are but few cases in which the variation is greater than one-eighth of an inch upon the ground glass from the proportion fixed upon, one-half the natural size. The second caution relates to the small number of cases obtainable from certain

[1] It is suggested to those having access to the exhibit of photographs above mentioned that by their means interesting studies may be carried further than the author has thus far done. It is believed, for example, that a count of the 612 full-length photographs will corroborate a preliminary count of about two hundred men made while measuring them—nine-tenths of whom were circumcised. These were mainly Tagalogs, but the same proportion is believed to hold true of the other Christian peoples.

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provinces. It is evident, for instance, that neither the photographs of the only Igorrote nor that of the only Monobo found in the prison can be safely regarded as typical; nor can those of the small group of Negritos, three of the northern type and one, or possibly two, of the southern. There is not equal danger of error, however, in the case of provinces or islands having but two or three representatives each in the prison, as Catanduanes or Romblon. Their purity of type is evident upon comparing them with their neighbors of the same tribe. In the case of the Moros, two each from Basilan and Cottabato, there is greater doubt, because the entire number of Moros in the prison is small—only twenty. Indeed, as there are evidently two distinct Moro types, one of Zamboanga and the other of the islands to the west, the number of cases is doubly reduced upon which we may generalize. The ten men from Jolo probably give a fair idea of the Jolo type. The same is probably not true of the eight men from Mindanao, where there is presumably less evenness of type. Compare with this the great number of men selected for measurements from the Visayan group, 259—46 from a single province, Leyte; or the 193 Ilocanos selected, 59 from Ilocos Sur alone; or the 62 Pampangas from Pampanga, the largest number selected from any province. It is evident that here we have a safe basis for inductions as to physical type.

The Bicols (Pls. 1–7), whose portraits come first in the alphabetical arrangement of the Album, have been presented as typical of all the Christian peoples of the Philippines by so good an authority as Montano. It must be said, however, that the measurements made upon 63 Bicols in Bilibid Prison place them next to the bottom of the scale in height among the 838 measured. They are typical, however, in an important factor, the cephalic index. Their length of head being considered as 100, its breadth is 83.34. This puts them in the "brachycephalic" or short-headed class of peoples, as are all Malays. They have, of course, the other primary Malay characteristics—a brown skin, sometimes approaching the Mongolian yellow; straight, black hair; a low stature (the Bicols are but 5 feet 2½ inches in height), and a rather broad nose. They are not as platyrhinian or broad-nosed as are negroes; in proportion to the height the Bicol's breadth of nose averages 83.34, making him mesorhinian. The features approach the Mongolian in other respects—rather high cheek bones, a noticeable projection of the jaws and lips, and even in some cases a slanting of the eyes. The so-called Malay characteristic, a flattening of the back of the head, "en coup de hache," as the Frenchman just mentioned expressed it, was found in less than a fourth of the cases in Bilibid, among Bicols and most other peoples as well. The prison cut of hair allows an examination of the photographs in this detail, although it gives an imperfect idea otherwise of the luxuriant growth of hair, often worn in pompadour or thrown back in great masses from the forehead.

The Cagayans (Pls. 8–11) present what seems to be a distinctly northern type of "Indios" or Christian Filipino peoples, as contrasted with the southern type well represented by the Bicols. One of the results of the anthropometrical work done in Bilibid

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would seem to be a demonstration of the need of this classification. As compared with each other, the northerners are tall and long-headed, the southerners short and broad-headed. The average height of the Cagayans, like that of the entire northern group, is 5 feet 4 inches. The Cagayans differ from other northerners, however, in having a very broad nose, slightly broader even than the average southern nose. They rather excel in regularity of features. The nose, although short, is generally straight. Their prognathism or projection of the lower part of the face is but slight. Their span of arms in proportion to the height of the body is less than that of any other Indios with the exception of the Pampangas. To judge from the eighteen found in Bilibid, their color is darker, also, than that of others, as dark as that of the Moros—that is, they are of a reddish rather than a yellowish brown. Like all Malays they are practically beardless.

The Ilocanos (Pls. 12–22) are interesting in that they seem to be not one homogeneous people, physically, but in part southerners and in part northerners; and, more strangely yet, those of the southern type occupy the provinces that extend to the extreme north of Luzon. To make sure of this unexpected conclusion, larger numbers were measured from the Ilocano provinces than from any others in the Archipelago. The result seems unquestionable. The southern Ilocos are tall and long-headed, like the Cagayans just described, while the inhabitants of Ilocos Norte, Ilocos Sur, and Union Provinces are shorter and more brachycephalic, like the Bicols. The only explanation which suggested itself is that the latter provinces, being more truly coast lands than the others, although far to the north, have preserved the "littoral" or lowland type that characterizes all the southern Indios and represents, perhaps, the last Malay wave of migration; while the so-called "Ilocanos" of Pangasinan and Tarlac are at least by mixture partly Pangasinan, or of the highland and northern type and blood.

The famous Moros (Pls. 23–31), or Mohammedan peoples of the southern islands, must be classed physically with the Christians, the "Indios." Indeed, they are not so unlike the average "Neo-Malay," as the whole group may be called, as are others of their southern kinsmen. While the Bicols and Visayas are the shortest of all the group, the Moros approach the average. Indeed, in length of head they resemble the northerners more than the southerners. On the other hand, they excel all other southerners in breadth of nose. There are evidently two types of Moros—a purer type, no doubt, on Jolo and the smaller islands, and a type on Mindanao which approaches in characteristics the tall "Indonesians" of the interior of that island with whom they have probably mixed.

The Pampangas and Pangasinans (Pls. 32–38), who come next in order, are members of the northern division and differ but little between themselves excepting in the shape of the head. While the Pampangas have the longest heads in relation to breadth

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of all the Neo-Malays, the Pangasinans are more brachycephalic than even the average southerner. Both these peoples living further from the coast than the shorter-headed Ilocanos to the north of them, Tagalogs to the south, and Zambals to the west, it may be presumed that they obtained their "northern" characteristics from the tall "Primitive Malayan" or "Indonesian" element of the interior. In still other respects they approach slightly the Caucasian type, having as compared with other Neo-Malays a relatively straight nose and a lighter, yellowish color. Some writers think that the latter feature and the slanting eyes sometimes found amongst them indicate an admixture of Chinese blood and corroborate the ancient tale of a certain Chinese pirate who settled with his followers in the interior.

The great Tagalog people (Pls. 39–50) are represented in this Album by seven provincial types, ranging from Tayabas in the south to Nueva Ecija in the north. They represent fairly well, especially the Tagalogs of Cavite, the average man physically of all the Neo-Malays, northerners and southerners combined. Especially is this true of the important characters, the shape of the head and of the nose. In height, however, they resemble the southerners more than the northerners. Their average is 5 feet 2⅞ inches. About four-fifths of those in the prison are of the lighter, yellowish brown. This may be due to the strong infusion amongst them of the Chinese element. Indeed, the Manila contingent in the prison was so preponderatingly Chinese—three-fourths of the men admitting that they have mixed blood of one sort or another—that this group was rejected entire as unsuitable for a study of Philippine types. One-third of the Tagalogs examined have a noticeable approach to the Mongolian eye; about the same proportion possess something of the Malay flattening of the head.

The Visayas (Pls. 51–71) are the great people of the southern Philippines as the Tagalogs are of the north. While our Tagalog types are all from Luzon, the Visayan types are scattered over ten or twelve large islands. They are on the average shorter than the other peoples here discussed. They also have the greatest span of arms in proportion to height and, with one exception, the broadest heads and noses relatively to length. The Visayas of some islands, however, are taller decidedly than those of other islands. Especially is the tall, broad-headed type characteristic of Misamis, owing no doubt to its mixture with the tall "Indonesian" element of the interior. The opposite sides of the Island of Negros are peopled by the most opposite of Visayan types, the shorter type of Negros Occidental being due to the admixture of Negrito blood. The Visayas seem somewhat darker than the Tagalogs, and the pug nose is more pronounced.

The Zambals (Pls. 72, 73) are small in number, both in the prison and outside. If we may generalize from the seventeen cases in Bilibid, they stand nearer the average of the Neo-Malay types in all essential characters than do any other people. Their height is in the average exactly the general average, 5 feet 3¼ inches. As compared with Caucasian and other races, they are

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moderately short-headed; that is, brachycephals of the index 82.68; while their nasal index, 79.63, places them among the mesorhins; that is, neither extremely broad nor narrow of nose.

The Igorrote (Pl. 74), and in fact all of whom it remains to speak, can not be regarded with certainty as types. They are too small in number. The Igorrote is not only widely different from all the Neo-Malays; he seems to approach the Caucasian too much to be even a pure "Indonesian." He has very regular features, a skin that shows the vermillion tinge, eyes of a light brown, and a considerable beard. He is, however, shorter than even the Neo-Malays of the north. On the other hand his span of arms is, in proportion to his height, less than theirs.

The Manobo (Pl. 75) represents the Indonesian stock of the south as the Igorrote should the same stock of the north. The former is, according to the ordinary printed descriptions, a fair type, although perhaps too tall, 5 feet 6 inches, far above other Philippine types. His body is well proportioned. While he would be claimed by leading French anthropologists, as Quatrefages and Hamy, and by Montano, who has thoroughly studied this people, to be Caucasian in his ethnical affinities, he is quite dark, darker in fact than most of the Neo-Malays. The painter would call his hue that of burnt umber, approaching burnt sienna. The general expression of the face reminds one in a vague way of the Caucasian type; yet his nose is short, his cheek bones high, and his jaws and lips rather projecting. He has dark-brown eyes. His hair, although as black as a Malay's, is said to have been wavy before it was cut.

The Negrito, Vicente Gutierrez, of Bataan Province (Pl. No.76), would be accepted by the writer as an excellent type of the few Negrito families that he has seen near Mariveles in that province. Yet Vicente insists that his mother is a Tagalog. The same difficulty applies to at least four of the five Negritos here presented. The three of Bataan stock, who appear acceptable in type, claim to be mestizos; while the man from Negros, who insists most strenuously upon being a Negrito, is not believed by the writer to have any Negrito blood in him. There is testimony, as well as ethnical evidence, to his being a native of India. He is far different from any Philippine type, as will be seen by consulting his photograph (Pl. 80). He is different also in color, very dark, with almost a bluish tinge.

The truer Negritos (Pls. 76–79), those from Bataan and Negros, present two types. Although alike in color and hair, the southern type seems taller. They are both much longer headed than the Philippine Malays and much broader in nose, two of the Bataan men having noses broader than long. The color, however, is not so dark as that of the supposed Indian of Negros, but little different, in fact, from the darker brown which is common among the Christian Filipinos.

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A BICOL OF ALBAY PROVINCE.

[Age, 31. Photo No. 266; Bilibid Prison No., 2608 P. Plate 1.]

	1 Bicol.	Averages.	
		11 Bicols.	63 Bicols (of all provinces).
Height, standing ..... meters	[1] 1.603	[2] 1.583	[3] 1.592
Span of arms ..... do	[4] 1.744	[5] 1.672	[6] 1.665
Width of shoulders ..... do	.449	.414	.417
Length of head ..... do	.185	.181	.180
Breadth of head ..... do	.154	.148	.150
Height of nose ..... do	.052	.048	.050
Breadth of nose ..... do	.045	.042	.041
Chest ..... do	[7] .910	[8] .857	[9] .859
Weight ..... kilos	[10] 74.84	[11] 56.63	[12] 53.97
Cephalic index ..... per cent	83.24	82.23	83.31
Nasal index ..... do	86.54	86.09	81.54

[1] 5 feet $3\frac{1}{8}$ inches.
[2] 5 feet $2\frac{1}{4}$ inches.
[3] 5 feet $2\frac{3}{8}$ inches.
[4] 5 feet $8\frac{3}{4}$ inches.
[5] 5 feet 6 inches.
[6] 5 feet $5\frac{1}{8}$ inches.
[7] $35\frac{7}{8}$ inches.
[8] $33\frac{1}{4}$ inches.
[9] $33\frac{3}{8}$ inches.
[10] 165 pounds.
[11] 125 pounds.
[12] 119 pounds.

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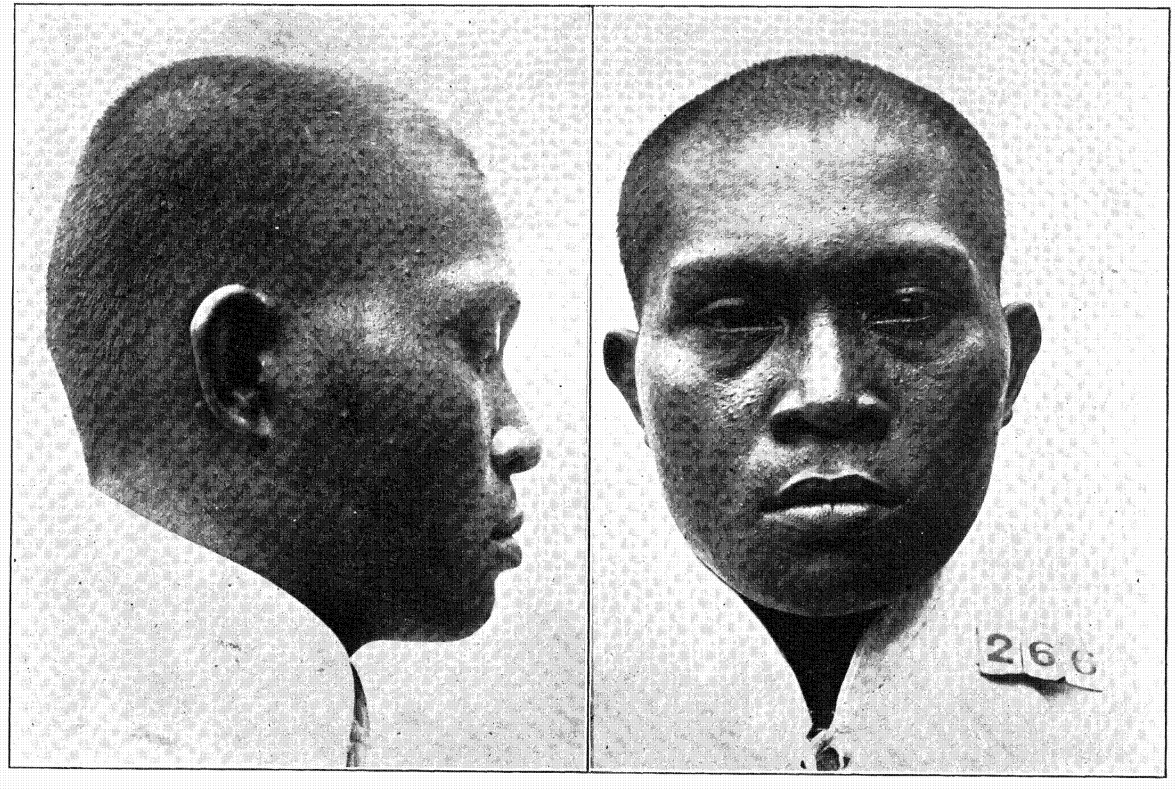

PLATE 1.

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A BICOL OF AMBOS CAMARINES PROVINCE.

[Age, 24. Photo No. 88; Bilibid Prison No., 800 P. Plate 2.]

		1 Bicol.	Averages.	
			18 Bicols.	63 Bicols (of all provinces).
Height, standing	meters	[1] 1.579	[2] 1.585	[3] 1.592
Span of arms	do	[4] 1.706	[5] 1.663	[6] 1.665
Width of shoulders	do	.421	.417	.417
Length of head	do	.182	.184	.180
Breadth of head	do	.145	.151	.150
Height of nose	do	.051	.051	.050
Breadth of nose	do	.042	.041	.041
Chest	do	[7] .880	[8] .862	[9] .859
Weight	kilos	[10] 51.26	[11] 53.30	[12] 53.97
Cephalic index	per cent	79.67	81.62	83.31
Nasal index	do	82.35	81 53	81.54

[1] 5 feet 2 inches.
[2] 5 feet 2⅜ inches.
[3] 5 feet 2⅝ inches.
[4] 5 feet 7⅛ inches.
[5] 5 feet 5⅙ inches.
[6] 5 feet 5½ inches.
[7] 34⅝ inches.
[8] 34 inches.
[9] 33⅝ inches.
[10] 113 pounds.
[11] 117⅛ pounds.
[12] 119 pounds.

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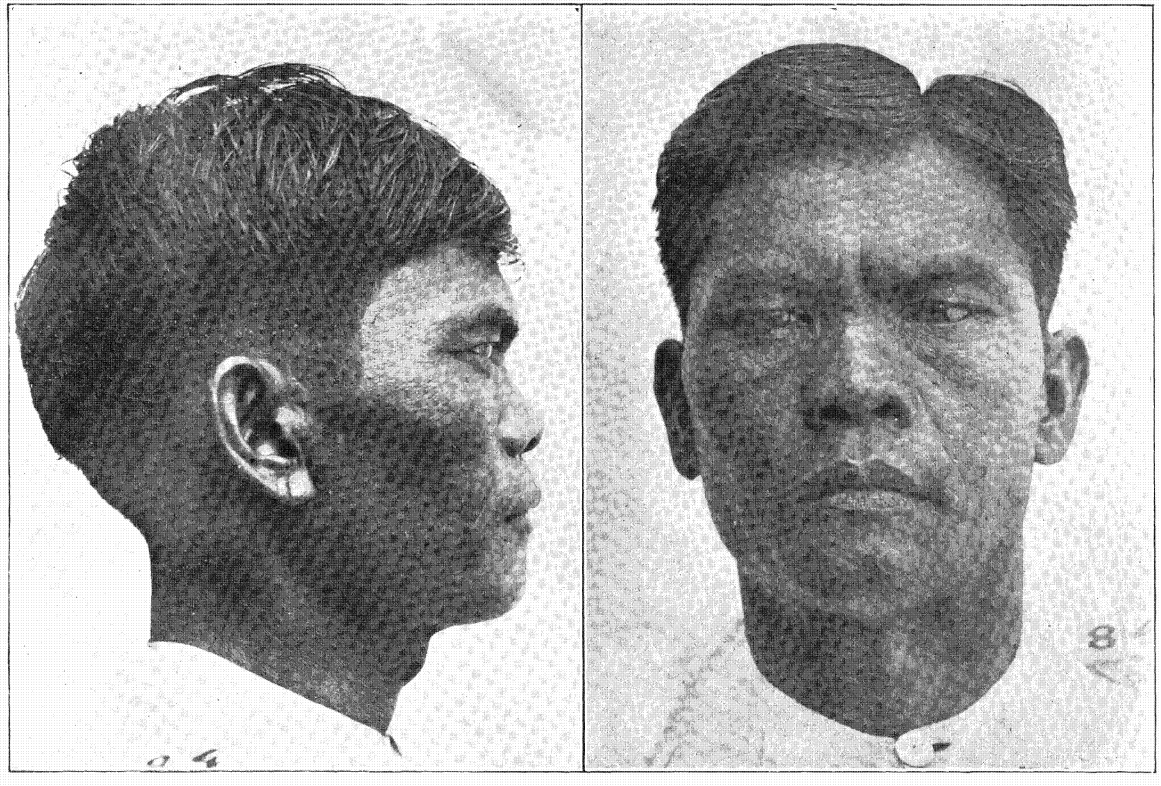

PLATE 3.

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A BICOL OF AMBOS CAMARINES PROVINCE.

[Age, 31. Photo No. 103; Bilibid Prison No., 29 C. Plate 4.]

		1 Bicol.	Averages.	
			18 Bicols.	63 Bicols (of all provinces).
Height, standing	meters	[1] 1.495	[2] 1.585	[3] 1.592
Span of arms	do	[4] 1.560	[5] 1.663	[6] 1.665
Width of shoulders	do	.376	.417	.417
Length of head	do	.175	.184	.180
Breadth of head	do	.152	.151	.150
Height of nose	do	.051	.051	.050
Breadth of nose	do	.038	.041	.041
Chest	do	[7] .755	[8] .862	[9] .859
Weight	kilos	[10] 41.39	[11] 53.30	[12] 53.97
Cephalic index	per cent	86.88	81.62	83.34
Nasal index	do	74.51	81.53	81.54

[1] 4 feet 10 7/8 inches.
[2] 5 feet 2 3/8 inches.
[3] 5 feet 2 5/8 inches.
[4] 5 feet 1 3/8 inches.
[5] 5 feet 5 1/8 inches.
[6] 5 feet 5 1/2 inches.
[7] 29 3/4 inches.
[8] 34 inches.
[9] 33 3/8 inches.
[10] 91 1/4 pounds.
[11] 117 1/4 pounds.
[12] 119 pounds.

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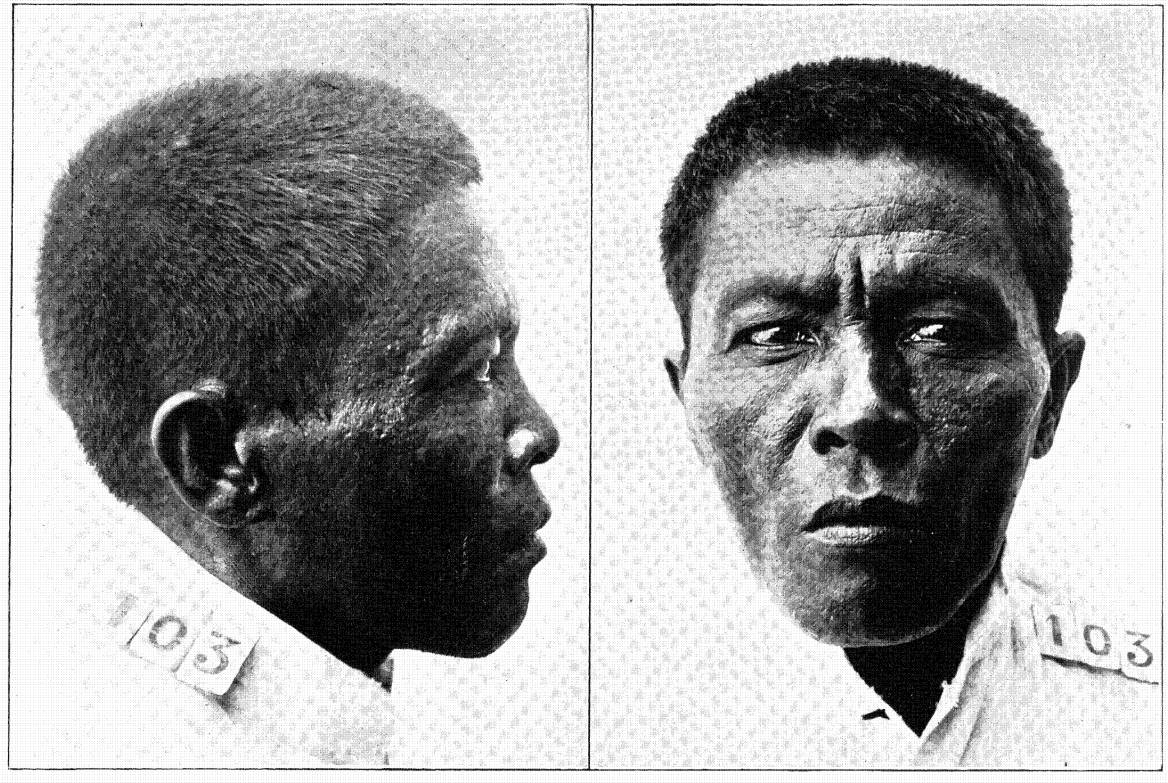

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PLATE 4.

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A BICOL OF CATANDUANES ISLAND.

[Age, 43. Photo No. 59; Bilibid Prison No., 1303 P. Plate 5.]

	1 Bicol.	Averages.	
		2 Bicols.	63 Bicols (of all provinces).
Height, standing ..... meters	[1] 1.669	[2] 1.669	[3] 1.592
Span of arms ..... do	[4] 1.760	[5] 1.760	[6] 1.665
Width of shoulders ..... do	.432	.432	.417
Length of head ..... do	.179	.179	.180
Breadth of head ..... do	.151	.151	.150
Height of nose ..... do	.053	.053	.050
Breadth of nose ..... do	.041	.041	.041
Chest ..... do	[7] .877	[8] .877	[9] .859
Weight ..... kilos	[10] 54.66	[11] 54.66	[12] 53.97
Cephalic index ..... per cent	84.64	84.64	83.34
Nasal index ..... do	76.64	76.64	81.54

[1] 5 feet 5¾ inches.
[2] 5 feet 5¾ inches.
[3] 5 feet 2⅝ inches.
[4] 5 feet 9¼ inches.
[5] 5 feet 9¼ inches.
[6] 5 feet 5½ inches.
[7] 34½ inches.
[8] 34½ inches.
[9] 33⅝ inches.
[10] 120¾ pounds.
[11] 121¾ pounds.
[12] 119 pounds.

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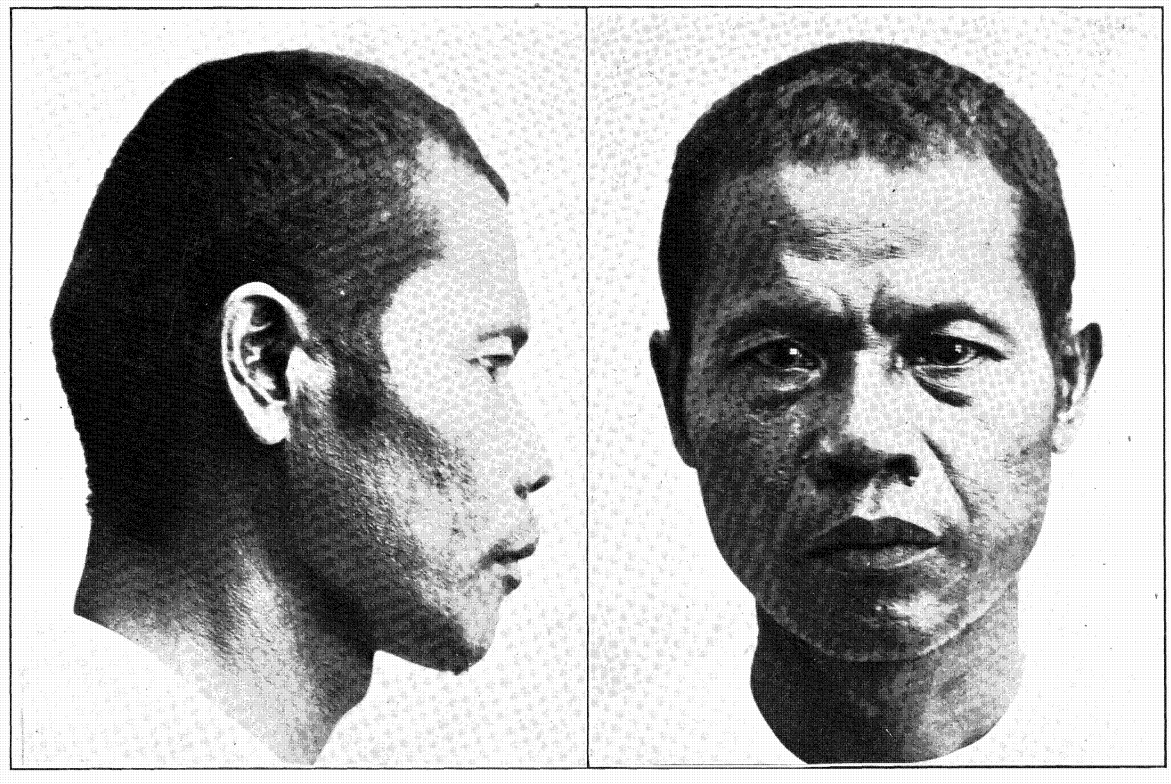

PLATE 5.

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A BICOL OF SORSOGON PROVINCE.

[Age, 43. Photo No. 101: Bilibid Prison No., 1267 C. Plate 6.]

		1 Bicol.	Averages.	
			32 Bicols.	63 Bicols (of all provinces).
Height, standing	meters	[1] 1.610	[2] 1.595	[3] 1.592
Span of arms	do	[4] 1.685	[5] 1.658	[6] 1.665
Width of shoulders	do	.428	.417	.417
Length of head	do	.180	.178	.180
Breadth of head	do	.154	.151	.150
Height of nose	do	.053	.050	.050
Breadth of nose	do	.043	.041	.041
Chest	do	[7] .890	[8] .856	[9] .859
Weight	kilos	[10] 52.16	[11] 53.42	[12] 53.97
Cephalic index	per cent	85.56	84.65	83.34
Nasal index	do	81.13	80.37	81.54

[1] 5 feet 3⅜ inches.
[2] 5 feet 2¾ inches.
[3] 5 feet 2⅝ inches.
[4] 5 feet 6⅜ inches.
[5] 5 feet 5¼ inches.
[6] 5 feet 5½ inches.
[7] 35⅛ inches.
[8] 33¾ inches.
[9] 33⅝ inches.
[10] 115 pounds.
[11] 117¾ pounds.
[12] 119 pounds.

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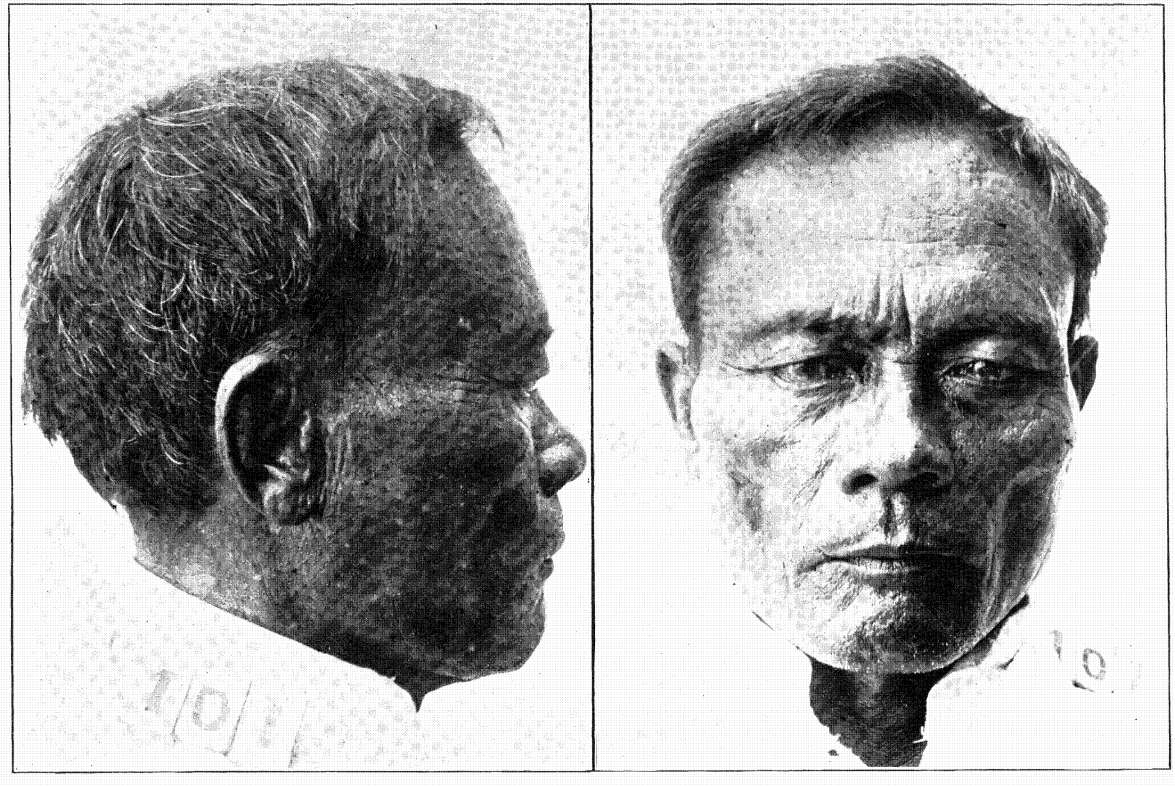

PLATE 6.

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A BICOL OF SORSOGON PROVINCE.

[Age, 27. Photo No. 69: Bilibid Prison No., 802 P. Plate 7.]

	1 Bicol.	Averages.	
		32 Bicols.	63 Bicols (of all provinces).
Height, standing ..... meters	[1] 1.597	[2] 1.595	[3] 1.592
Span of arms ..... do	[4] 1.668	[5] 1.658	[6] 1.665
Width of shoulders ..... do	.434	.417	.417
Length of head ..... do	.179	.178	.180
Breadth of head ..... do	.152	.151	.150
Height of nose ..... do	.052	.050	.050
Breadth of nose ..... do	.040	.041	.041
Chest ..... do	[7] .900	[8] .856	[9] .859
Weight ..... kilos	[10] 55.68	[11] 53.42	[12] 53.97
Cephalic index ..... per cent	84.92	84.65	83.34
Nasal index ..... do	77.00	80.37	81.54

[1] 5 feet 2 7/8 inches.
[2] 5 feet 2 3/4 inches.
[3] 5 feet 2 5/8 inches.
[4] 5 feet 5 5/8 inches.
[5] 5 feet 5 1/4 inches.
[6] 5 feet 5 1/4 inches.
[7] 35 1/2 inches.
[8] 33 3/4 inches.
[9] 33 3/8 inches.
[10] 122 3/4 pounds.
[11] 117 3/4 pounds.
[12] 119 pounds.

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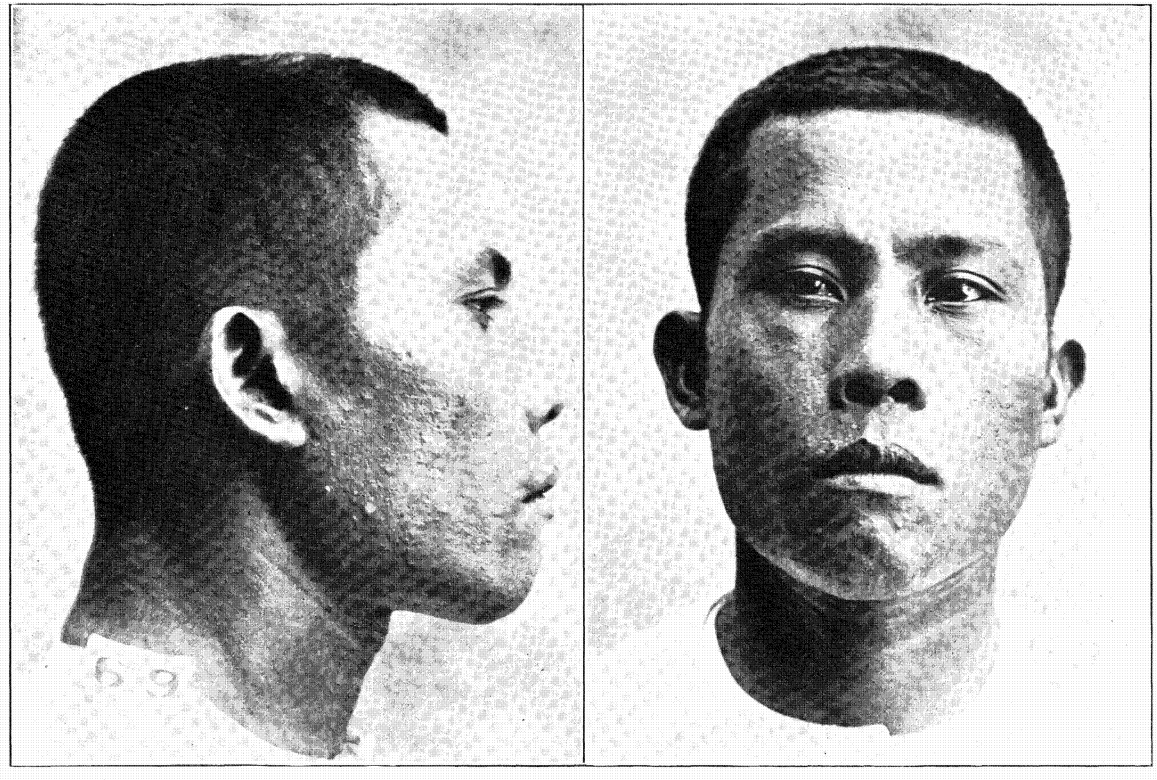

PLATE 7.

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A CAGAYAN OF CAGAYAN PROVINCE.

[Age, 33. Photo No. 105; Bilibid Prison No., 149 C. Plate 8.]

	1 Cagayan.	Averages.	
		10 Cagayanes.	15 Cagayanes (of all provinces).
Height, standing ..... meters	[1] 1.676	[2] 1.637	[3] 1.622
Span of arms ..... do	[4] 1.738	[5] 1.691	[6] 1.675
Width of shoulders ..... do	.434	.420	.417
Length of head ..... do	.184	.184	.184
Breadth of head ..... do	.156	.149	.149
Height of nose ..... do	.058	.050	.051
Breadth of nose ..... do	.041	.041	.041
Chest ..... do	[7] .874	[8] .852	[9] .856
Weight ..... kilos	[10] 61.24	[11] 52.88	[12] 54.88
Cephalic index ..... per cent	84.78	80.76	80.79
Nasal index ..... no	70.69	81.08	80.37

[1] 5 feet 6 inches.
[2] 5 feet 4½ inches.
[3] 5 feet 3⅞ inches.
[4] 5 feet 8⅝ inches.
[5] 5 feet 6⅝ inches.
[6] 5 feet 5⅝ inches.
[7] 34⅜ inches.
[8] 33½ inches.
[9] 33¾ inches.
[10] 135 pounds.
[11] 116½ pounds.
[12] 121 pounds.

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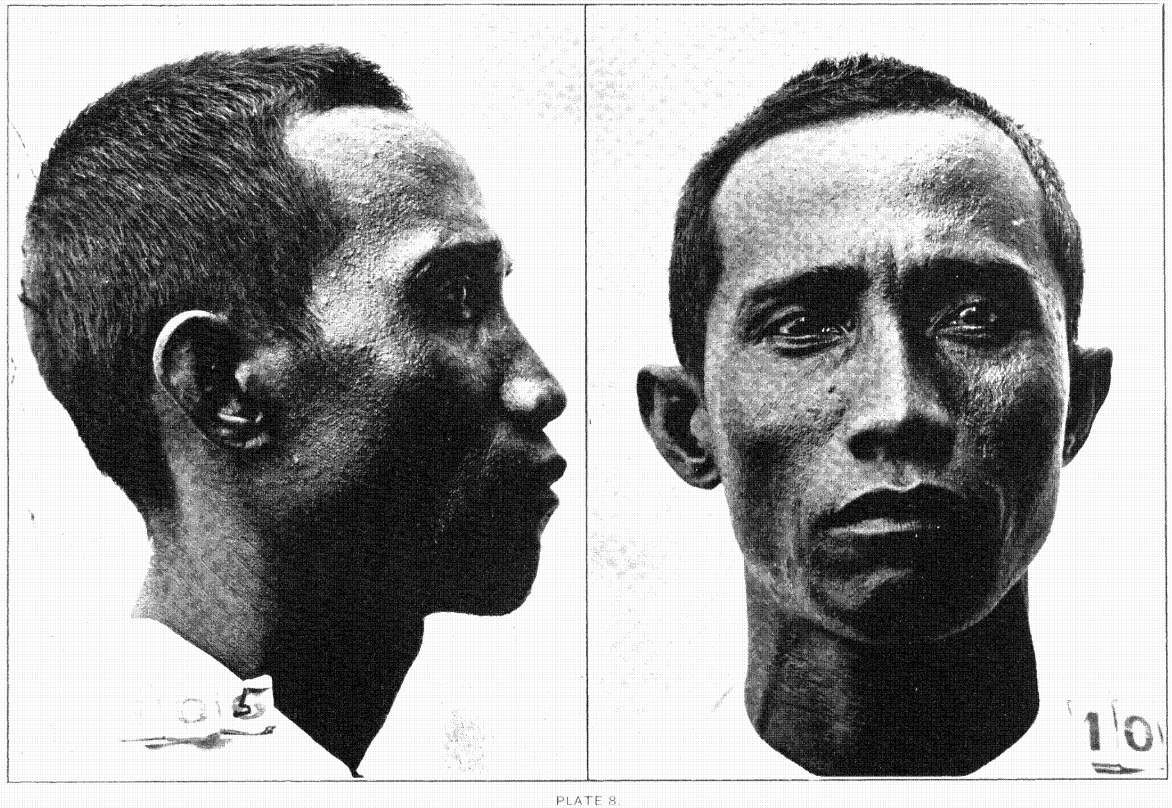

PLATE 8.

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A CAGAYAN OF CAGAYAN PROVINCE.

[Age, 31. Photo No. 115; Bilibid Prison No., 150 C. Plate 9.]

		1 Cagayan.	Averages.	
			10 Cagayanes.	15 Cagayanes (of all provinces).
Height, standing	meters	[1] 1.580	[2] 1.637	[3] 1.622
Span of arms	do	[4] 1.613	[5] 1.691	[6] 1.675
Width of shoulders	do	.407	.420	.417
Length of head	do	.181	.184	.184
Breadth of head	do	.155	.149	.149
Height of nose	do	.046	.050	.051
Breadth of nose	do	.038	.041	.041
Chest	do	[7] .835	[8] .852	[9] .856
Weight	kilos	[10] 50.24	[11] 52.88	[12] 54.88
Cephalic index	per cent	85.64	80.76	80.79
Nasal index	do	82.61	81.08	80.37

[1] 5 feet $2\frac{1}{4}$ inches.
[2] 5 feet $4\frac{1}{8}$ inches.
[3] 5 feet $3\frac{7}{8}$ inches.
[4] 5 feet $3\frac{1}{8}$ inches.
[5] 5 feet $6\frac{5}{8}$ inches.
[6] 5 feet $5\frac{7}{8}$ inches.
[7] $32\frac{7}{8}$ inches.
[8] $33\frac{1}{8}$ inches.
[9] $33\frac{3}{4}$ inches.
[10] $110\frac{3}{4}$ pounds.
[11] $116\frac{1}{2}$ pounds.
[12] 121 pounds.

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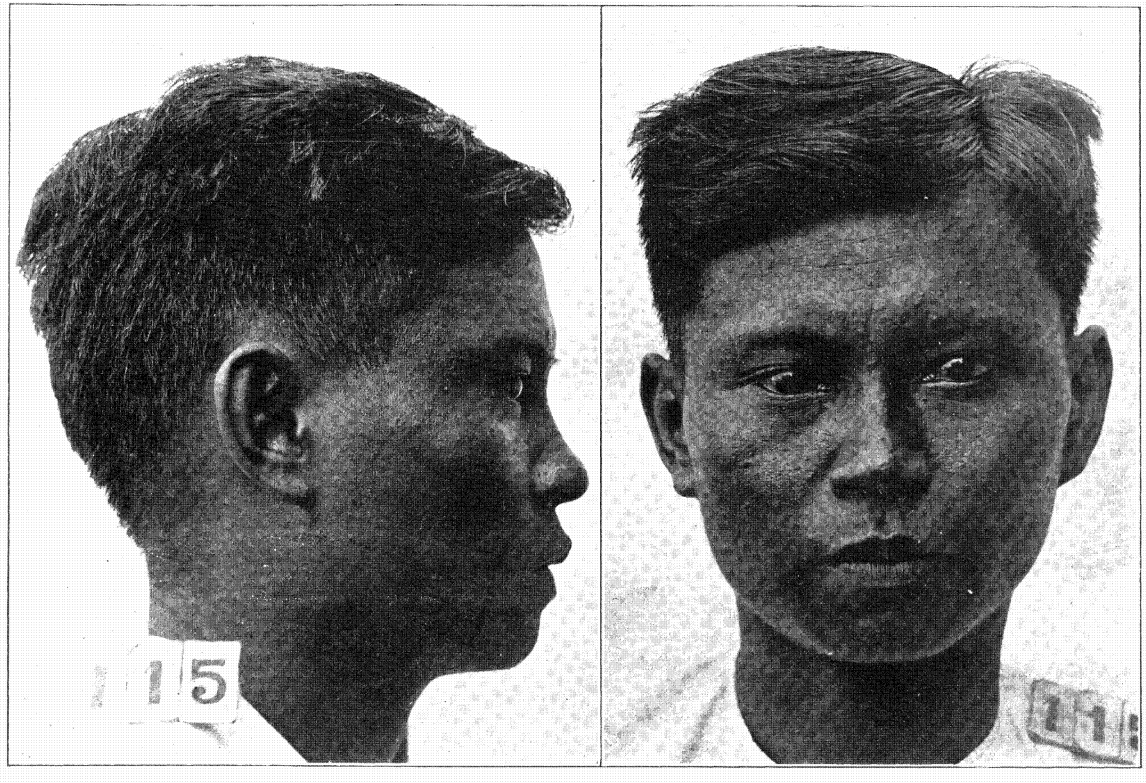

PLATE 9.

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A CAGAYAN OF ISABELA PROVINCE.

[Age, 38. Photo No. 111; Bilibid Prison No., 211 C. Plate 10.]

	1 Cagayan.	Averages.	
		5 Cagayanes.	15 Cagayanes (of all provinces).
Height, standing ..... meters	[1] 1.594	[2] 1.594	[3] 1.622
Span of arms ..... do	[4] 1.634	[5] 1.645	[6] 1.675
Width of shoulders ..... do	.429	.411	.417
Length of head ..... do	.175	.184	.184
Breadth of head ..... do	.145	.149	.149
Height of nose ..... do	.051	.051	.051
Breadth of nose ..... do	.038	.041	.041
Chest ..... do	[7] .895	[8] .864	[9] .856
Weight ..... kilos	[10] 57.15	[11] 58.88	[12] 54.88
Cephalic index ..... per cent	82.86	80.85	80.79
Nasal index ..... do	74.51	78.98	80.37

[1] 5 feet 2¾ inches.
[2] 5 feet 2¾ inches.
[3] 5 feet 3⅞ inches.
[4] 5 feet 4¼ inches.
[5] 5 feet 4⅜ inches.
[6] 5 feet 5⅞ inches.
[7] 35¼ inches.
[8] 34 inches.
[9] 33¾ inches.
[10] 126 pounds.
[11] 129¾ pounds.
[12] 121 pounds.

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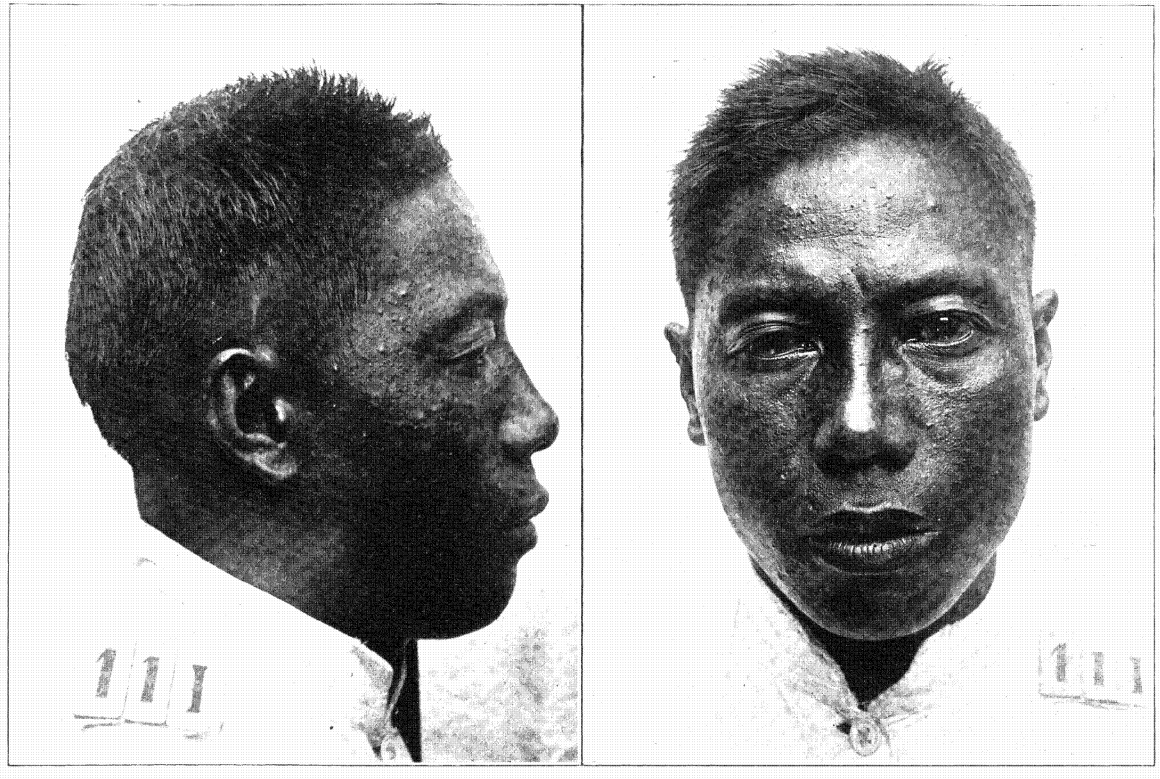

PLATE 10

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A CAGAYAN OF ISABELA PROVINCE.

[Age, 26. Photo No. 119; Bilibid Prison No., 1475 P. Plate 11.]

	1 Cagayan.	Averages.	
		5 Cagayanes.	15 Cagayanes (of all provinces).
Height, standing ..... meters	[1] 1.578	[2] 1.594	[3] 1.622
Span of arms ..... do	[4] 1.668	[5] 1.645	[6] 1.675
Width of shoulders ..... do	.385	.411	.417
Length of head ..... do	.190	.184	.184
Breadth of head ..... do	.144	.149	.149
Height of nose ..... do	.052	.051	.050
Breadth of nose ..... do	.040	.041	.041
Chest ..... do	[7] .895	[8] .864	[9] .856
Weight ..... kilos	[10] 64.86	[11] 58.88	[12] 54.88
Cephalic index ..... per cent	75.79	80.85	80.79
Nasal index ..... do	76.93	78.98	80.37

[1] 5 feet $2\frac{1}{8}$ inches.
[2] 5 feet $2\frac{3}{4}$ inches.
[3] 5 feet $3\frac{7}{8}$ inches.
[4] 5 feet $5\frac{5}{8}$ inches.
[5] 5 feet $4\frac{3}{4}$ inches.
[6] 5 feet $5\frac{7}{8}$ inches.
[7] $35\frac{1}{4}$ inches.
[8] 34 inches.
[9] $33\frac{3}{4}$ inches.
[10] 143 pounds.
[11] $129\frac{3}{4}$ pounds.
[12] 121 pounds.

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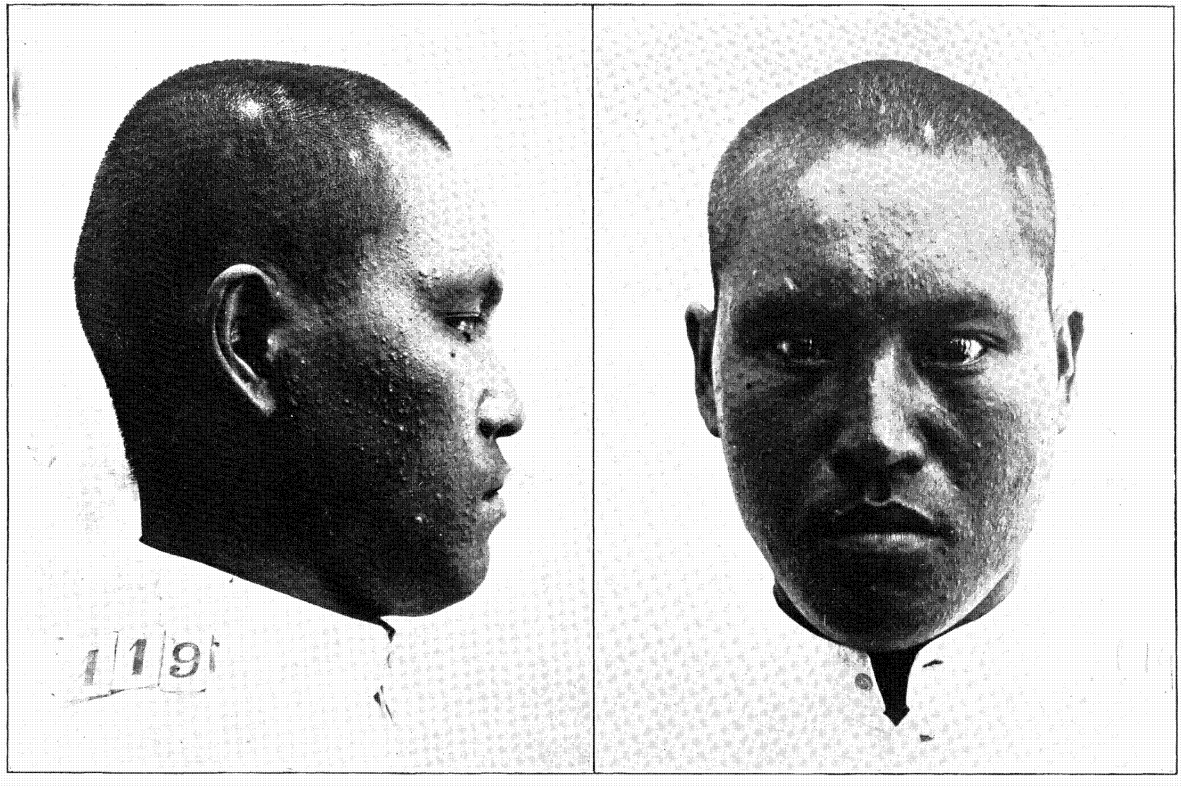

PLATE 11.

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AN ILOCANO OF ILOCOS NORTE PROVINCE.

[Age, 27. Photo No. 90; Bilibid Prison No., 1311 P. Plate 12.]

		1 Ilocano.	Averages.	
			37 Ilocanos.	193 Ilocanos (of all provinces).
Height, standing	meters	[1] 1.360	[2] 1.593	[3] 1.602
Span of arms	do	[4] 1.425	[5] 1.657	[6] 1.671
Width of shoulders	do	.397	.416	.417
Length of head	do	.177	.180	.178
Breadth of head	do	.152	.151	.151
Height of nose	do	.056	.055	.052
Breadth of nose	do	.044	.040	.040
Chest	do	[7] .811	[8] .830	[9] .838
Weight	kilos	[10] 41.84	[11] 51.63	[12] 52.09
Cephalic index	per cent	85.88	84.39	84.81
Nasal index	do	78.57	73.12	75.44

[1] 4 feet 5 1/8 inches.
[2] 5 feet 2 3/4 inches.
[3] 5 feet 3 1/8 inches.
[4] 4 feet 8 3/8 inches.
[5] 5 feet 5 1/4 inches.
[6] 5 feet 5 1/4 inches.
[7] 31 7/8 inches.
[8] 32 5/8 inches.
[9] 32 7/8 inches.
[10] 92 1/2 pounds.
[11] 113 3/4 pounds.
[12] 114 3/4 pounds.

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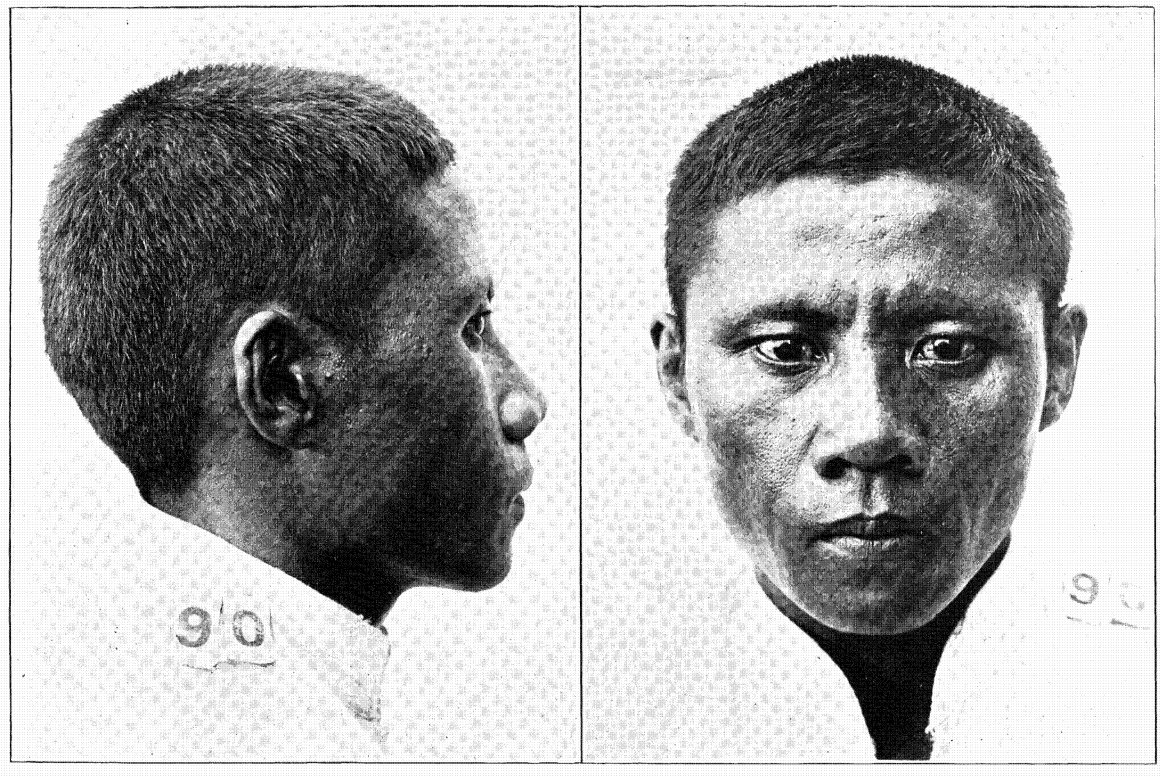

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PLATE 12.

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AN ILOCANO OF ILOCOS NORTE PROVINCE.

[Age, 35. Photo No. 152; Bilibid Prison No., 1625 P. Plate 13.]

		1 Ilocano.	Averages.	
			37 Ilocanos.	193 Ilocanos (of all provinces).
Height, standing	meters	[1] 1.576	[2] 1.593	[3] 1.602
Span of arms	do	[4] 1.690	[5] 1.657	[6] 1.671
Width of shoulders	do	.409	.416	.417
Length of head	do	.180	.180	.178
Breadth of head	do	.144	.151	.151
Height of nose	do	.055	.055	.052
Breadth of nose	do	.044	.040	.040
Chest	do	[7] .795	[8] .830	[9] .838
Weight	kilos	[10] 48.65	[11] 51.63	[12] 52.09
Cephalic index	per cent	80.00	84.39	84.81
Nasal index	do	72.73	73.12	75.44

[1] 5 feet 2 inches.
[2] 5 feet 2⅜ inches.
[3] 5 feet 3⅛ inches.
[4] 5 feet 6⅝ inches.
[5] 5 feet 5¼ inches.
[6] 5 feet 5¾ inches.
[7] 31¼ inches.
[8] 32⅝ inches.
[9] 32⅞ inches.
[10] 107¼ pounds.
[11] 113¾ pounds.
[12] 114¾ pounds.

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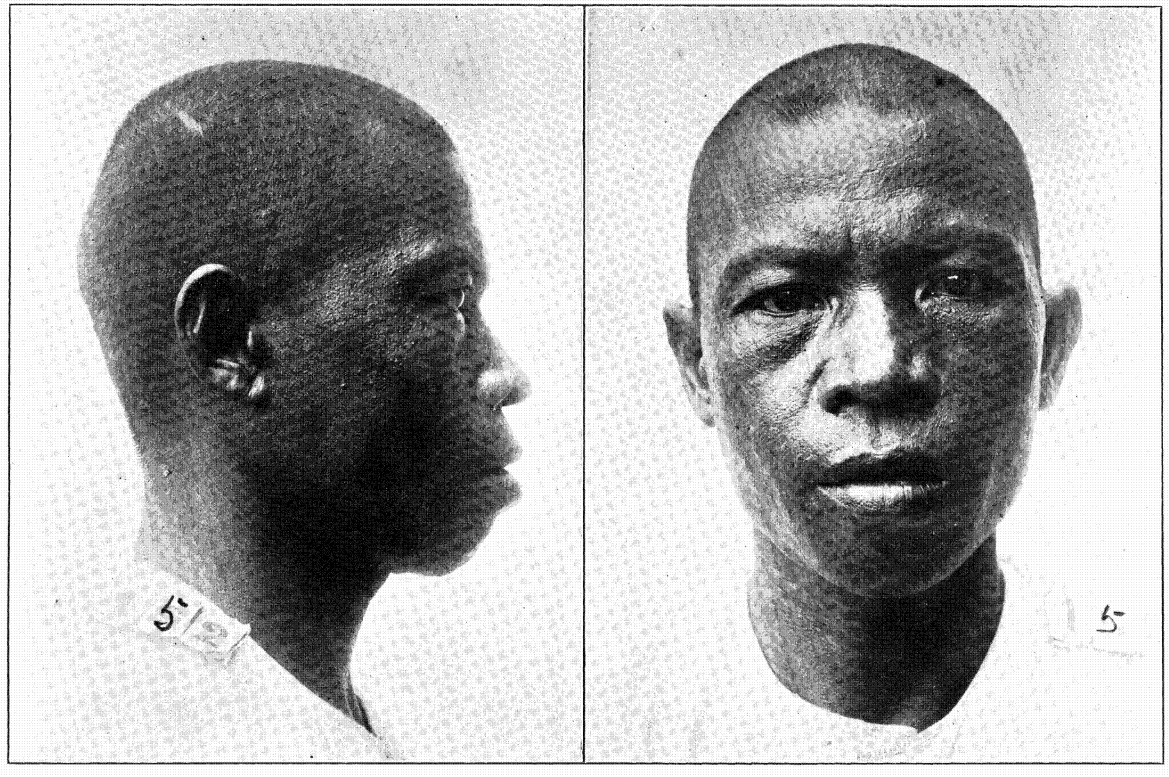

PLATE 13.

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AN ILOCANO OF ILOCOS SUR PROVINCE.

[Age, 26. Photo No. 160; Bilibid Prison No., 1660 P. Plate 14.]

		1 Ilocano.	Averages.	
			59 Ilocanos.	193 Ilocanos (of all provinces).
Height, standing	meters	[1] 1.526	[2] 1.596	[3] 1.602
Span of arms	do	[4] 1.661	[5] 1.671	[6] 1.671
Width of shoulders	do	.429	.416	.417
Length of head	do	.175	.177	.178
Breadth of head	do	.146	.150	.151
Height of nose	do	.049	.053	.052
Breadth of nose	do	.040	.039	.040
Chest	do	[7] .910	[8] .824	[9] .838
Weight	kilos	[10] 51.26	[11] 51.58	[12] 52.09
Cephalic index	per cent	83.43	85.06	84.81
Nasal index	do	81.63	72.95	75.44

[1] 5 feet $\frac{1}{8}$ inch.
[2] 5 feet $2\frac{7}{8}$ inches.
[3] 5 feet $3\frac{1}{8}$ inches.
[4] 5 feet $5\frac{3}{8}$ inches.
[5] 5 feet $5\frac{3}{4}$ inches.
[6] 5 feet $5\frac{1}{4}$ inches.
[7] $35\frac{3}{4}$ inches.
[8] $32\frac{3}{8}$ inches.
[9] $32\frac{7}{8}$ inches.
[10] 113 pounds.
[11] $113\frac{1}{8}$ pounds.
[12] $114\frac{3}{4}$ pounds.

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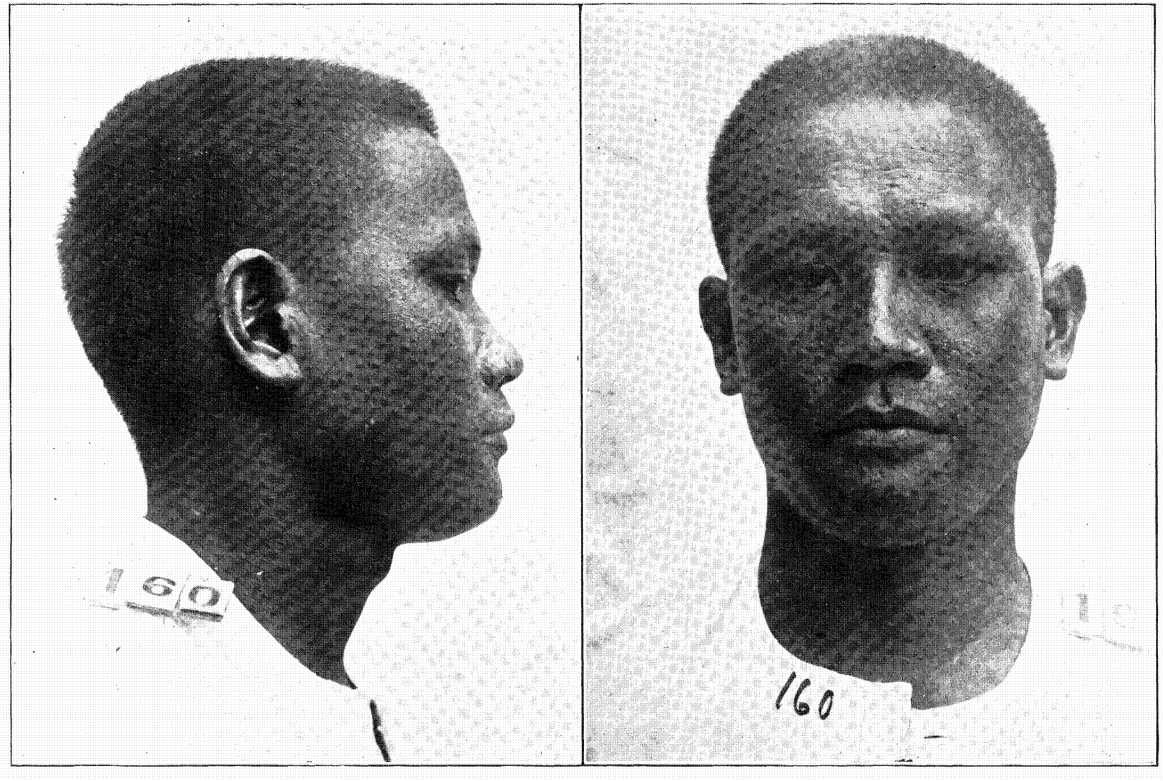

PLATE 14.

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AN ILOCANO OF ILOCOS SUR PROVINCE.

[Age, 35. Photo No. 16; Bilibid Prison No., 153. Plate 15.]

		1 Ilocano.	Averages.	
			59 Ilocanos.	193 Ilocanos (of all provinces).
Height, standing	meters	[1] 1.468	[2] 1.596	[3] 1.602
Span of arms	do	[4] 1.508	[5] 1.671	[6] 1.671
Width of shoulders	do	.384	.416	.417
Length of head	do	.171	.177	.178
Breadth of head	do	.145	.150	.151
Height of nose	do	.054	.053	.052
Breadth of nose	do	.035	.039	.040
Chest	do	[7] .723	[8] .824	[9] .838
Weight	kilos	[10] 39.69	[11] 51.58	[12] 52.69
Cephalic index	per cent	84.795	85.06	84.81
Nasal index	do	64.814	72.95	75.44

[1] 4 feet 9 3/4 inches.
[2] 5 feet 2 5/8 inches.
[3] 5 feet 3 1/8 inches.
[4] 4 feet 11 3/8 inches.
[5] 5 feet 5 3/4 inches.
[6] 5 feet 5 1/4 inches.
[7] 28 3/8 inches.
[8] 32 3/8 inches.
[9] 32 5/8 inches.
[10] 87 1/2 pounds.
[11] 113 1/2 pounds.
[12] 114 3/4 pounds.

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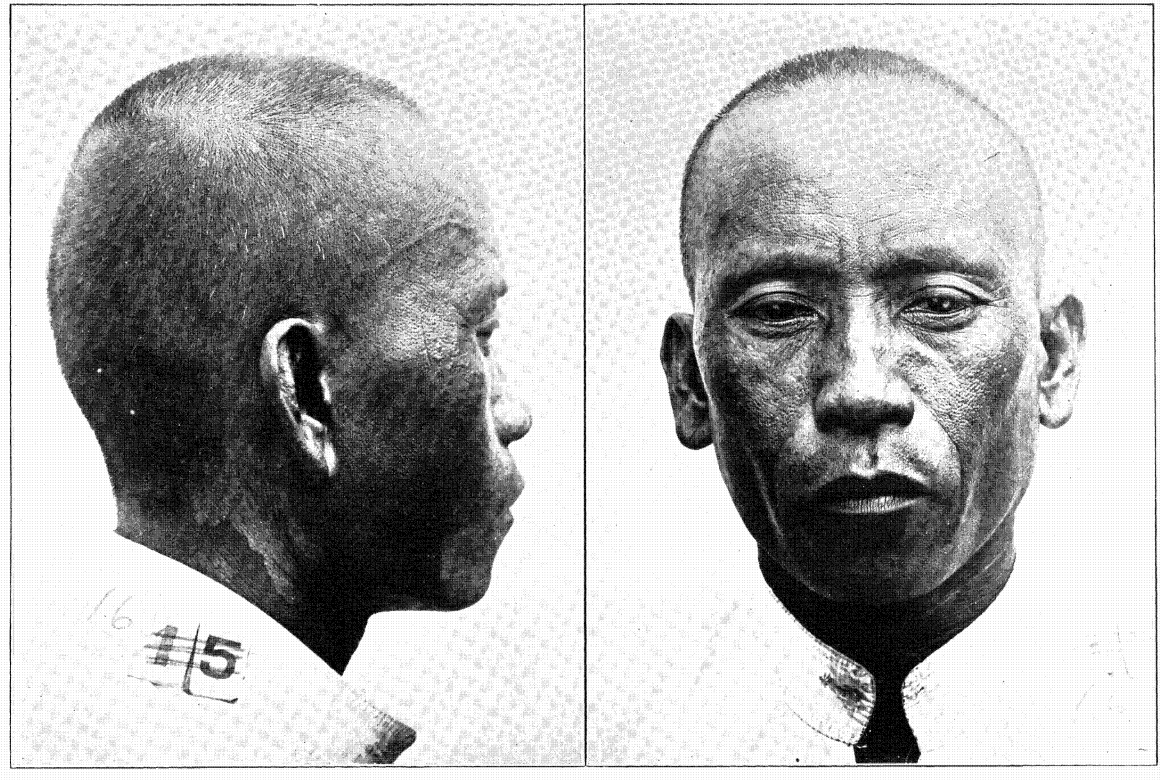

PLATE 15.

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AN ILOCANO OF PANGASINAN PROVINCE.

[Age, 29. Photo No. 289; Bilibid Prison No., 1156 P. Plate 16.]

	1 Ilocano.	Averages.	
		34 Ilocanos.	193 Ilocanos (of all provinces).
Height, standing ..... meters	[1] 1.648	[2] 1.621	[3] 1.602
Span of arms ..... do	[4] 1.723	[5] 1.687	[6] 1.671
Width of shoulders ..... do	.422	.420	.417
Length of head ..... do	.170	.178	.178
Breadth of head ..... do	.149	.150	.151
Height of nose ..... do	.045	.052	.052
Breadth of nose ..... do	.039	.040	.040
Chest ..... do	[7] .815	[8] .839	[9] .838
Weight ..... kilos	[10] 53.98	[11] 52.67	[12] 52.09
Cephalic index ..... per cent	87.65	84.31	84.81
Nasal index ..... do	86.67	76.48	75.44

[1] 5 feet $4\frac{7}{8}$ inches.
[2] 5 feet $3\frac{3}{4}$ inches.
[3] 5 feet $3\frac{1}{8}$ inches.
[4] 5 feet $7\frac{7}{8}$ inches.
[5] 5 feet $6\frac{3}{8}$ inches.
[6] 5 feet $5\frac{1}{4}$ inches.
[7] $32\frac{1}{8}$ inches.
[8] $33\frac{7}{8}$ inches.
[9] $32\frac{5}{8}$ inches.
[10] 119 pounds.
[11] 116 pounds.
[12] $114\frac{3}{8}$ pounds.

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PLATE 16.

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AN ILOCANO OF PANGASINAN PROVINCE.

[Age, 29. Photo No. 290; Bilibid Prison No., 1213 P. Plate 17.]

		1 Ilocano.	Averages.	
			34 Ilocanos.	193 Ilocanos (of all provinces).
Height, standing	meters	[1] 1.631	[2] 1.621	[3] 1.602
Span of arms	do	[4] 1.683	[5] 1.687	[6] 1.671
Width of shoulders	do	.446	.420	.417
Length of head	do	.179	.178	.178
Breadth of head	do	.154	.150	.151
Height of nose	do	.051	.052	.052
Breadth of nose	do	.040	.040	.040
Chest	do	[7] .900	[8] .859	[9] .838
Weight	kilos	[10] 38.90	[11] 52.67	[12] 52.09
Cephalic index	per cent	36.03	84.34	84.81
Nasal index	do	78.43	76.48	75.44

[1] 5 feet $4\frac{1}{4}$ inches.
[2] 5 feet $3\frac{3}{4}$ inches.
[3] 5 feet $3\frac{1}{8}$ inches.
[4] 5 feet $6\frac{1}{4}$ inches.
[5] 5 feet $6\frac{3}{8}$ inches.
[6] 5 feet $5\frac{1}{4}$ inches.
[7] $35\frac{3}{8}$ inches.
[8] $33\frac{7}{8}$ inches.
[9] $32\frac{7}{8}$ inches.
[10] $85\frac{3}{4}$ pounds.
[11] 116 pounds.
[12] $114\frac{3}{4}$ pounds.

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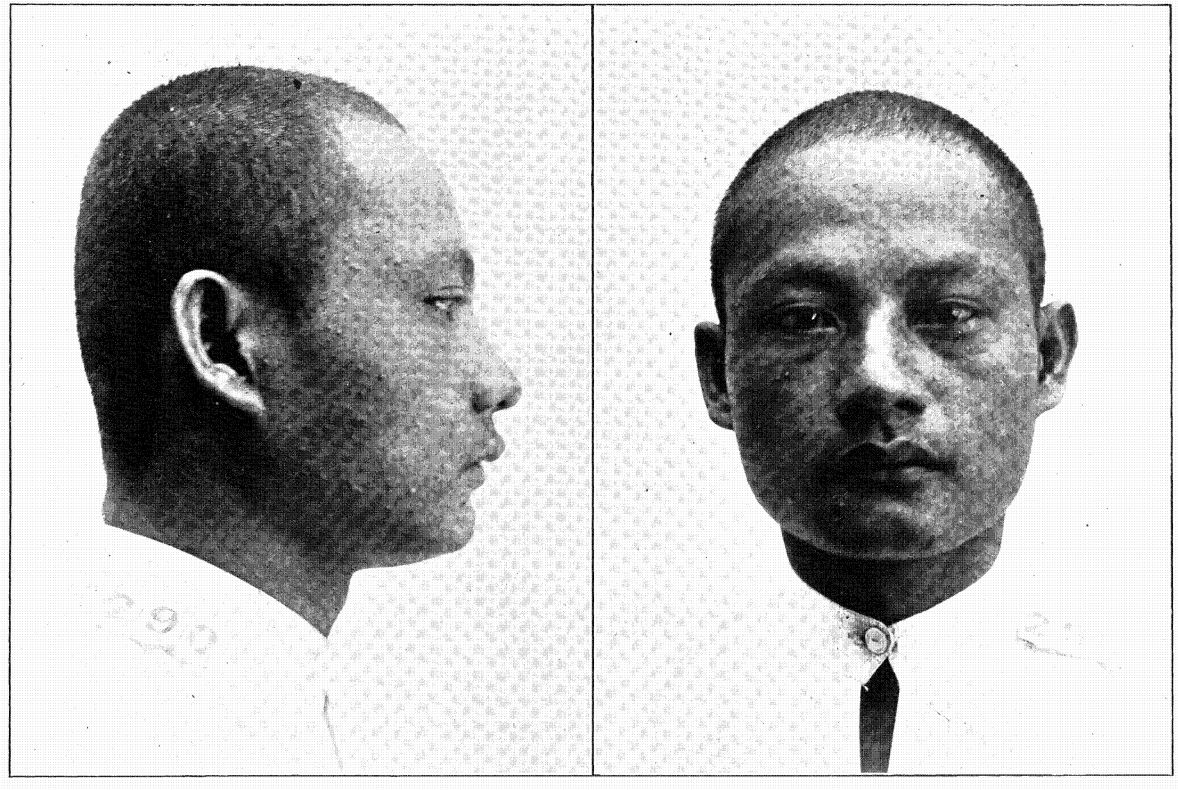

PLATE 17.

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AN ILOCANO OF TARLAC PROVINCE

[Age, 33. Photo No. 64; Bilibid Prison No., 276 P. Plate 18.]

	1 Ilocano.	Averages.	
		8 Ilocanos.	193 Ilocanos (of all provinces).
Height, standing ..... meters	[1] 1.660	[2] 1.614	[3] 1.602
Span of arms ..... do	[4] 1.676	[5] 1.686	[6] 1.671
Width of shoulders ..... do	.412	.421	.417
Length of head ..... do	.181	.179	.178
Breadth of head ..... do	.144	.152	.151
Height of nose ..... do	.054	.050	.052
Breadth of nose ..... do	.040	.042	.040
Chest ..... do	[7] .842	[8] .858	[9] .838
Weight ..... kilos	[10] 52.84	[11] 53.33	[12] 52.09
Cephalic index ..... per cent	79.57	84.73	84.81
Nasal index ..... do	74.07	83.58	75.44

[1] 5 feet $5\frac{3}{8}$ inches.
[2] 5 feet $3\frac{1}{2}$ inches.
[3] 5 feet $3\frac{1}{8}$ inches.
[4] 5 feet 6 inches.
[5] 5 feet $6\frac{3}{8}$ inches.
[6] 5 feet $5\frac{1}{4}$ inches.
[7] $33\frac{1}{8}$ inches.
[8] $33\frac{3}{4}$ inches.
[9] $32\frac{7}{8}$ inches.
[10] $116\frac{1}{4}$ pounds.
[11] $117\frac{1}{4}$ pounds.
[12] $114\frac{3}{4}$ pounds.

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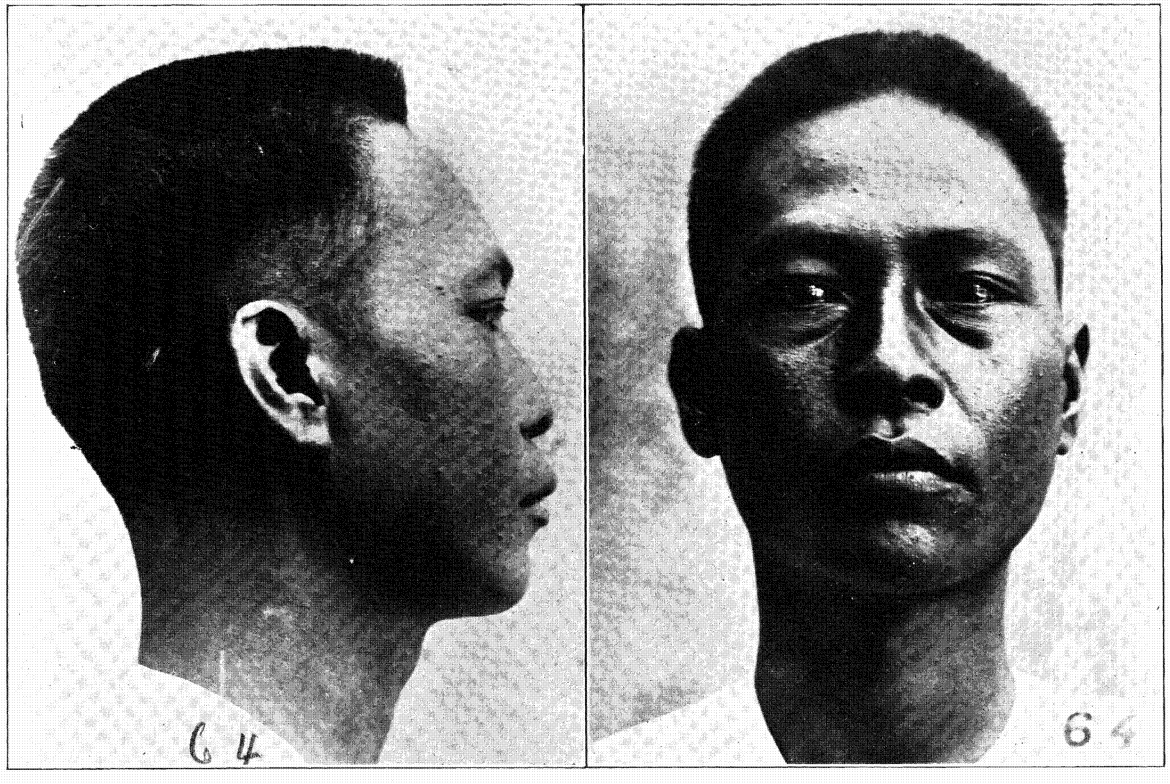

PLATE 18.

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AN ILOCANO OF TARLAC PROVINCE.

[Age, 31. Photo No. 40; Bilibid Prison No., 531 P. Plate 19.]

	1 Ilocano.	Averages.	
		8 Ilocanos.	193 Ilocanos (of all provinces).
Height, standing ..... meters	[1] 1.606	[2] 1.614	[3] 1.602
Span of arms ..... do	[4] 1.655	[5] 1.686	[6] 1.671
Width of shoulders ..... do	.434	.421	.417
Length of head ..... do	.173	.179	.178
Breadth of head ..... do	.148	.152	.151
Height of nose ..... do	.046	.050	.052
Breadth of nose ..... do	.039	.042	.040
Chest ..... do	[7] .880	[8] .858	[9] .838
Weight ..... kilos	[10] 55.45	[11] 53.33	[12] 52.09
Cephalic index ..... per cent	85.55	84.73	84.81
Nasal index ..... do	84.78	83.58	75.44

[1] 5 feet $3\frac{1}{4}$ inches.
[2] 5 feet $3\frac{1}{2}$ inches.
[3] 5 feet $3\frac{1}{8}$ inches.
[4] 5 feet $5\frac{1}{8}$ inches.
[5] 5 feet $6\frac{3}{8}$ inches.
[6] 5 feet $5\frac{1}{4}$ inches.
[7] $34\frac{5}{8}$ inches.
[8] $33\frac{3}{4}$ inches.
[9] $32\frac{7}{8}$ inches.
[10] $122\frac{1}{4}$ pounds.
[11] $117\frac{1}{2}$ pounds.
[12] $114\frac{3}{4}$ pounds.

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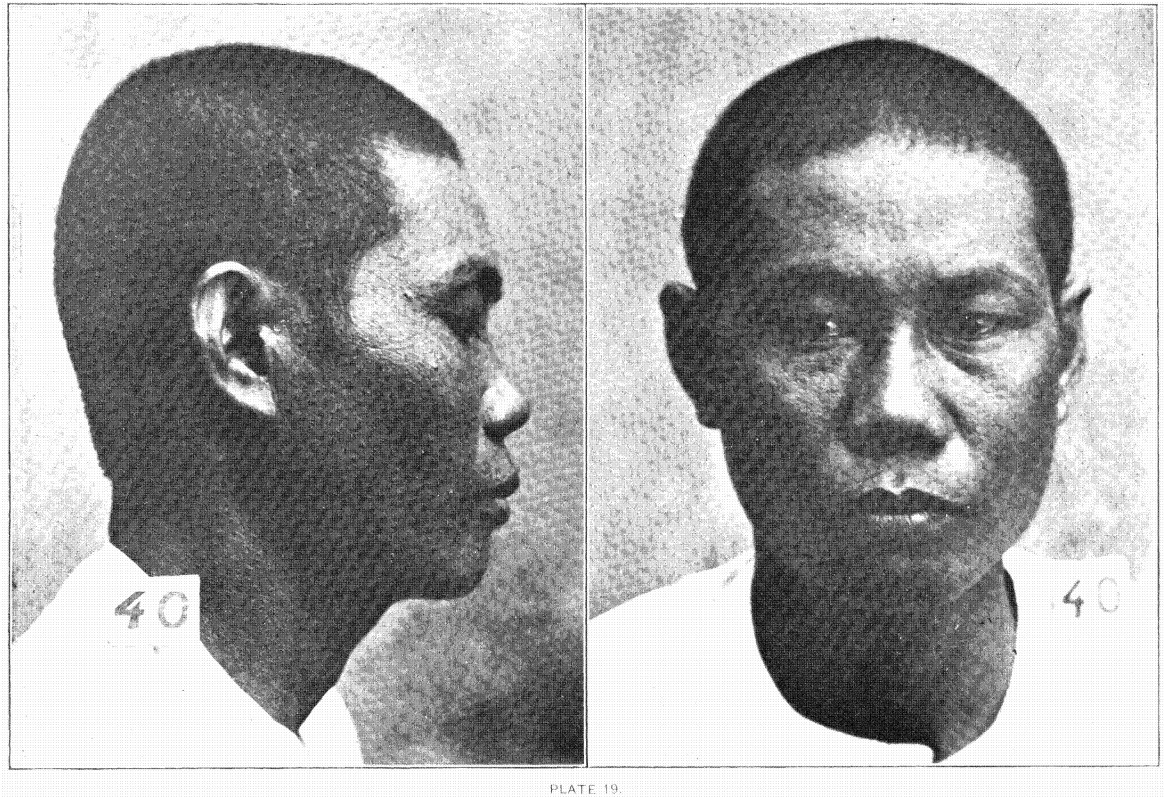

PLATE 19.

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AN ILOCANO OF UNION PROVINCE.

[Age, 34. Photo No. 98; Bilibid Prison No., 927 P. Plate 20.]

	1 Ilocano.	Averages.	
		31 Ilocanos.	193 Ilocanos (of all provinces).
Height standing ..... meters	[1] 1.546	[2] 1.590	[3] 1.602
Span of arms ..... do	[4] 1.561	[5] 1.664	[6] 1.671
Width of shoulders ..... do	.395	.416	.417
Length of head ..... do	.183	.176	.178
Breadth of head ..... do	.150	.151	.151
Height of nose ..... do	.047	.050	.052
Breadth of nose ..... do	.041	.039	.040
Chest ..... do	[7] .745	[8] .825	[9] .838
Weight ..... kilos	[10] 46.72	[11] 51.54	[12] 52.09
Cephalic index ..... per cent	81.97	85.72	84.81
Nasal index ..... do	87.23	78.63	75.44

[1] 5 feet $\frac{7}{8}$ inch.
[2] 5 feet $2\frac{5}{8}$ inches.
[3] 5 feet $3\frac{1}{8}$ inches.
[4] 5 feet $1\frac{1}{8}$ inches.
[5] 5 feet $5\frac{1}{8}$ inches.
[6] 5 feet $5\frac{1}{4}$ inches.
[7] $29\frac{3}{8}$ inches.
[8] $32\frac{1}{8}$ inches.
[9] $32\frac{7}{8}$ inches.
[10] 103 pounds.
[11] $113\frac{3}{4}$ pounds.
[12] $114\frac{3}{4}$ pounds.

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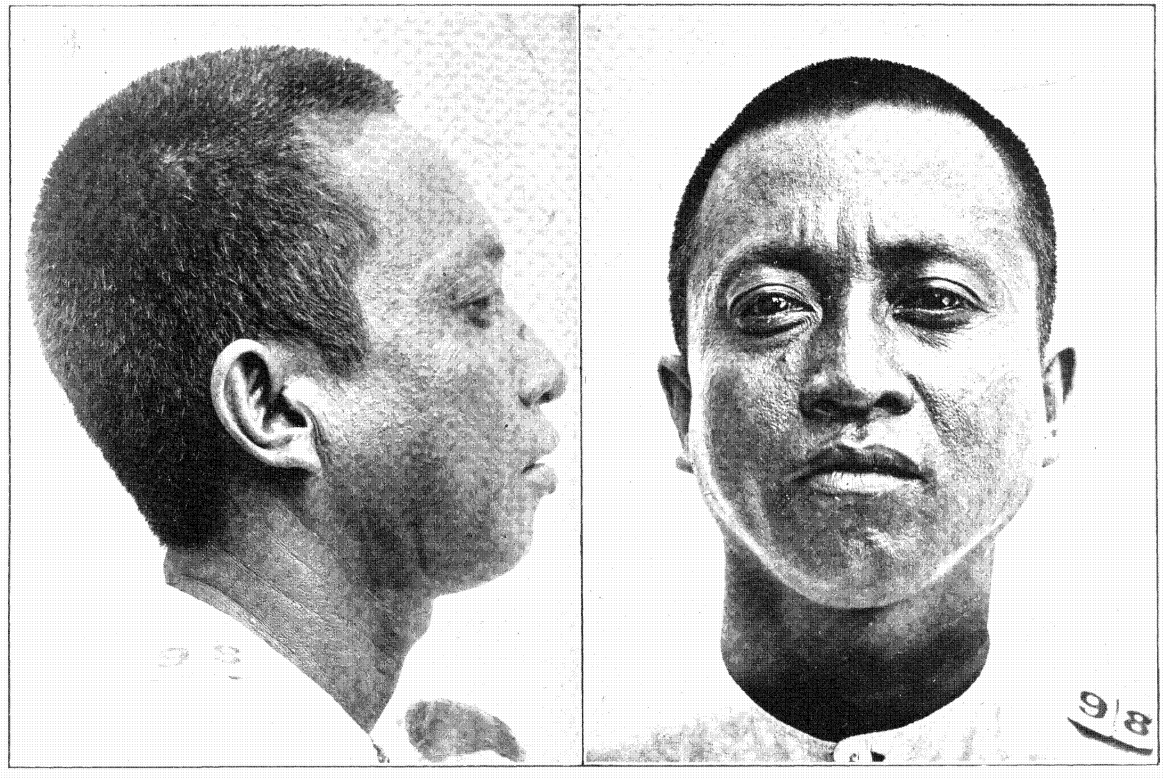

PLATE 20.

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AN ILOCANO OF UNION PROVINCE.

[Age, 35. Photo No. 97; Bilibid Prison No., 1155 P. Plate 21.]

		1 Ilocano.	Averages.	
			31 Ilocanos.	193 Ilocanos (of all provinces.)
Height, standing	meters	[1] 1.544	[2] 1.590	[3] 1.602
Span of arms	do	[4] 1.559	[5] 1.664	[6] 1.671
Width of shoulders	do	.394	.416	.417
Length of head	do	.164	.176	.178
Breadth of head	do	.143	.151	.151
Height of nose	do	.052	.050	.052
Breadth of nose	do	.043	.039	.040
Chest	do	[7] .780	[8] .825	[9] .838
Weight	kilos	[10] 43.54	[11] 51.54	[12] 52.09
Cephalic index	per cent	87.20	85.72	84.81
Nasal index	do	73.08	78.63	75.44

[1] 5 feet $\frac{3}{4}$ inch.
[2] 5 feet $2\frac{5}{8}$ inches.
[3] 5 feet $3\frac{1}{8}$ inches.
[4] 5 feet $1\frac{3}{8}$ inches.
[5] 5 feet $5\frac{1}{8}$ inches.
[6] 5 feet $5\frac{1}{4}$ inches.
[7] $30\frac{3}{4}$ inches.
[8] $32\frac{1}{8}$ inches.
[9] $32\frac{5}{8}$ inches.
[10] 96 pounds.
[11] $113\frac{3}{4}$ pounds.
[12] $114\frac{3}{4}$ pounds.

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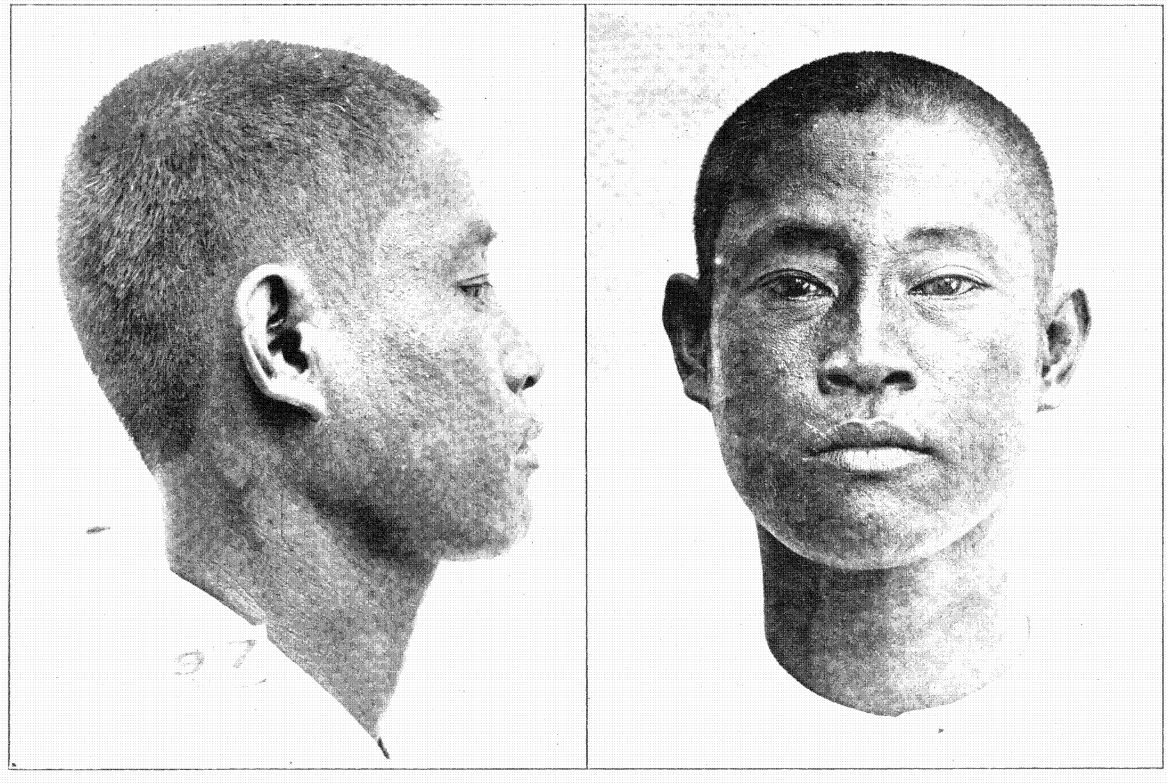

PLATE 21.

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AN ILOCANO OF ZAMBALES PROVINCE.

[Age, 29. Photo No. 18; Bilibid Prison No., 266 P. Plate 22.]

	1 Ilocano.	Averages.	
		24 Ilocanos.	193 Ilocanos (of all provinces).
Height, standing ..... meters	[1] 1.618	[2] 1.609	[3] 1.602
Span of arms ..... do	[4] 1.651	[5] 1.675	[6] 1.671
Width of shoulders ..... do	.424	.419	.417
Length of head ..... do	.173	.178	.178
Breadth of head ..... do	.148	.150	.151
Height of nose ..... do	.050	.051	.052
Breadth of nose ..... do	.040	.039	.040
Chest ..... do	[7] .875	[8] .865	[9] .838
Weight ..... kilos	[10] 55.33	[11] 53.58	[12] 52.09
Cephalic index ..... per cent	85.55	84.42	84.81
Nasal index ..... do	80.00	77.54	75.44

[1] 5 feet $3\frac{3}{4}$ inches.
[2] 5 feet $3\frac{3}{8}$ inches.
[3] 5 feet $3\frac{1}{8}$ inches.
[4] 5 feet 5 inches.
[5] 5 feet 6 inches.
[6] 5 feet $5\frac{1}{4}$ inches.
[7] $34\frac{1}{8}$ inches.
[8] 34 inches.
[9] $32\frac{7}{8}$ inches.
[10] 122 pounds.
[11] $118\frac{1}{4}$ pounds.
[12] $114\frac{3}{4}$ pounds.

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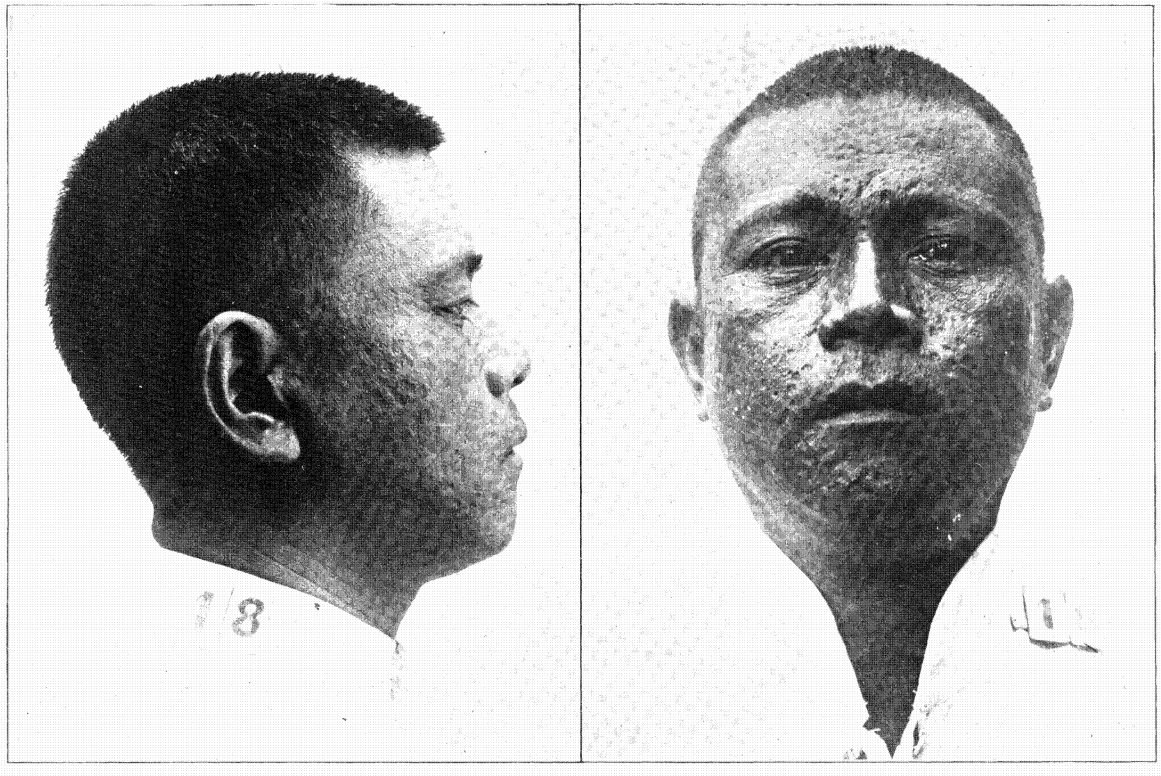

PLATE 22.

Hosted by Google

A MORO OF BASILAN ISLAND.

[Age, 30. Photo No. 10; Bilibid Prison No., 1574 P. Plate 23.]

		1 Moro.	Averages.	
			2 Moros.	20 Moros (of all provinces).
Height, standing	meters	[1] 1.522	[2] 1.556	[3] 1.597
Span of arms	do	[4] 1.542	[5] 1.605	[6] 1.656
Width of shoulders	do	.383	.378	.407
Length of head	do	.182	.180	.182
Breadth of head	do	.149	.150	.150
Height of nose	do	.043	.047	.050
Breadth of nose	do	.040	.040	.041
Chest	do	[7] .835	[8] .810	[9] .848
Weight	kilos	[10] 45.36	[11] 43.66	[12] 49.91
Cephalic index	per cent	81.31	83.57	82.24
Nasal index	do	93.02	85.11	82.58

[1] 4 feet $11\frac{7}{8}$ inches.
[2] 5 feet $1\frac{1}{4}$ inches.
[3] 5 feet $2\frac{1}{4}$ inches.
[4] 4 feet $7\frac{7}{8}$ inches.
[5] 5 feet $3\frac{1}{8}$ inches.
[6] 5 feet $5\frac{1}{4}$ inches.
[7] $32\frac{7}{8}$ inches.
[8] $31\frac{7}{8}$ inches.
[9] $33\frac{3}{8}$ inches.
[10] 100 pounds.
[11] $96\frac{1}{4}$ pounds.
[12] 110 pounds.

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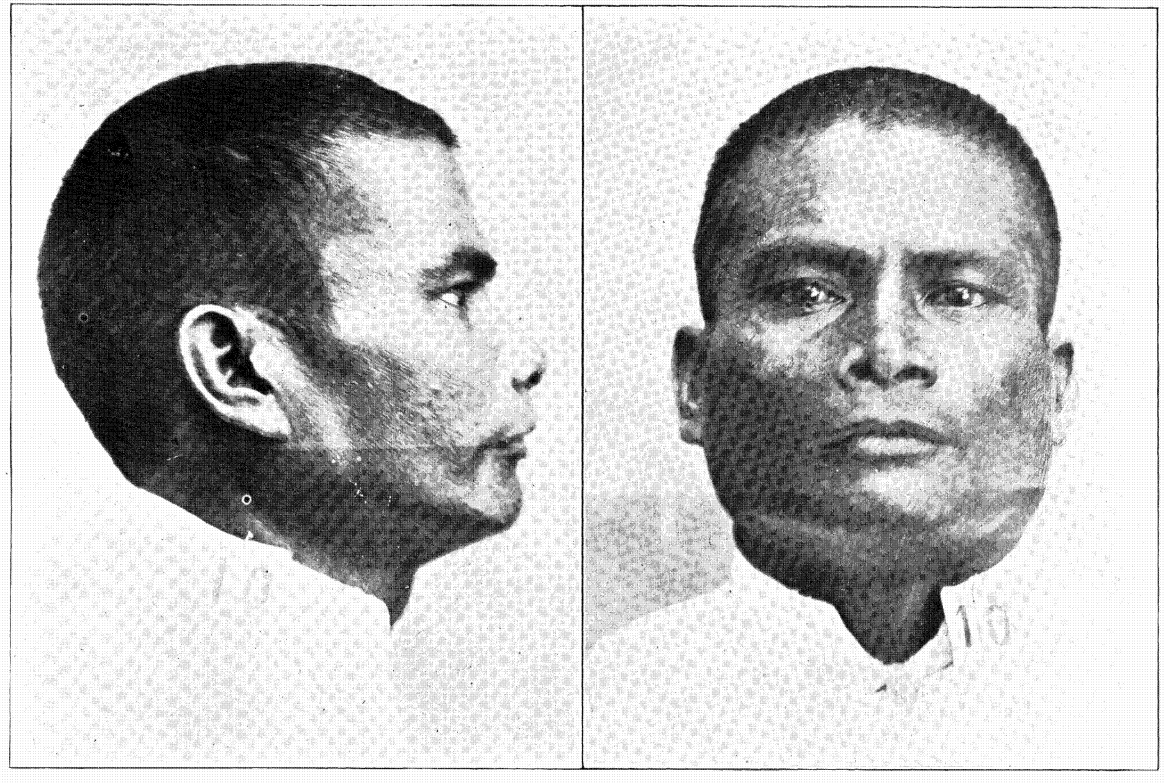

PLATE 23.

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A MORO OF COTTABATO SUBPROVINCE.

[Age, 35. Photo No. 11; Bilibid Prison No., 1601 P. Plate 24.]

	1 Moro.	Averages.	
		2 Moros	20 Moros (of all provinces).
Height, standing ..... meters	[1] 1.542	[2] 1.599	[3] 1.597
Span of arms ..... do	[4] 1.552	[5] 1.643	[6] 1.656
Width of shoulders ..... do	.400	.406	.407
Length of head ..... do	.181	.182	.182
Breadth of head ..... do	.150	.147	.150
Height of nose ..... do	.056	.052	.050
Breadth of nose ..... do	.046	.043	.041
Chest ..... do	[7] .845	[8] .848	[9] .848
Weight ..... kilos	[10] 52.28	[11] 51.43	[12] 49.91
Cephalic index ..... per cent	82.87	80.99	82.24
Nasal index ..... do	82.14	81.73	82.58

[1] 5 feet $\frac{3}{4}$ inches.
[2] 5 feet 3 inches.
[3] 5 feet $2\frac{1}{4}$ inches.
[4] 5 feet $1\frac{3}{8}$ inches.
[5] 5 feet $4\frac{5}{8}$ inches.
[6] 5 feet $5\frac{1}{4}$ inches.
[7] $33\frac{1}{4}$ inches.
[8] $33\frac{3}{8}$ inches.
[9] $33\frac{3}{8}$ inches.
[10] $115\frac{1}{4}$ pounds.
[11] $113\frac{1}{8}$ pounds.
[12] 110 pounds.

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PLATE 24.

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A MORO OF COTTABATO SUBPROVINCE.

[Age, 40. Photo No. 61: Bilibid Prison No., 1585 P. Plate 25.]

	1 Moro.	Averages.	
		2 Moros.	20 Moros (of all provinces).
Height standing ..... meters	[1] 1.656	[2] 1.599	[3] 1.597
Span of arms ..... do	[4] 1.733	[5] 1.643	[6] 1.656
Width of shoulders ..... do	.412	.406	.407
Length of head ..... do	.182	.182	.182
Breadth of head ..... do	.144	.147	.182
Height of nose ..... do	.048	.052	.150
Breadth of nose ..... do	.039	.043	.050
Chest ..... do	[7] .850	[8] .848	[9] .848
Weight ..... kilos	[10] 50.58	[11] 51.43	[12] 49.91
Cephalic index ..... per cent	79.12	80.99	82.24
Nasal index ..... do	81.25	81.73	82.58

[1] 5 feet $5\frac{1}{6}$ inches.
[2] 5 feet 3 inches.
[3] 5 feet $2\frac{1}{4}$ inches.
[4] 5 feet $8\frac{1}{4}$ inches.
[5] 5 feet $4\frac{5}{8}$ inches.
[6] 5 feet $5\frac{1}{4}$ inches.
[7] $33\frac{1}{8}$ inches.
[8] $33\frac{3}{8}$ inches.
[9] $33\frac{3}{8}$ inches.
[10] $111\frac{1}{2}$ pounds.
[11] $113\frac{1}{2}$ pounds.
[12] 110 pounds.

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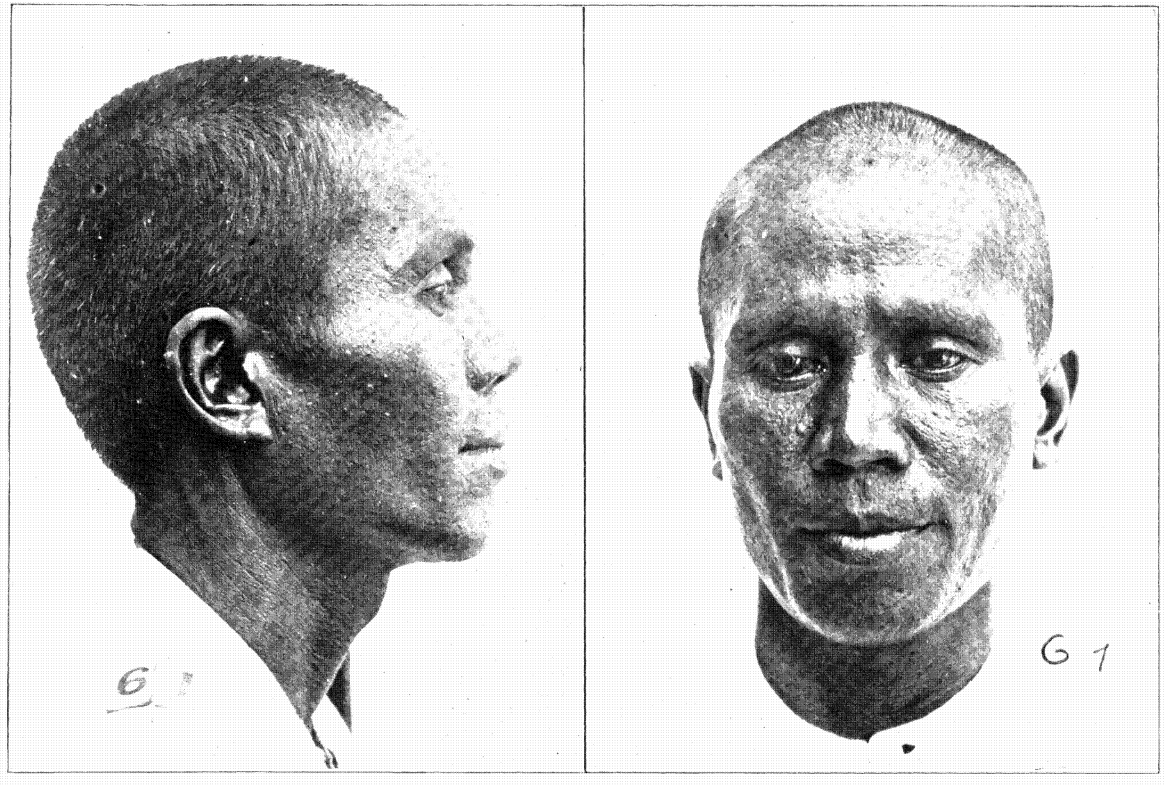

PLATE 25.

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A MORO OF JOLO ISLAND.

[Age, 45. Photo No. 63; Bilibid Prison No., 2171 P. Plate 26.]

	1 Moro.	Averages.	
		10 Moros.	20 Moros (of all provinces).
Height, standing ..... meters	[1] 1.572	[2] 1.596	[3] 1.597
Span of arms ..... do	[4] 1.618	[5] 1.645	[6] 1.656
Width of shoulders ..... do	.402	.410	.407
Length of head ..... do	.177	.180	.182
Breadth of head ..... do	.150	.150	.150
Height of nose ..... do	.050	.050	.050
Breadth of nose ..... do	.044	.042	.041
Chest ..... do	[7] .895	[8] .861	[9] .848
Weight ..... kilos	[10] 52.84	[11] 51.45	[12] 49.91
Cephalic index ..... per cent	84.74	83.11	82.24
Nasal index ..... do	88.00	83.23	82.58

[1] 5 feet $1\frac{7}{8}$ inches.
[2] 5 feet $2\frac{7}{8}$ inches.
[3] 5 feet $2\frac{1}{4}$ inches.
[4] 5 feet $3\frac{3}{4}$ inches.
[5] 5 feet $4\frac{3}{4}$ inches.
[6] 5 feet $5\frac{1}{4}$ inches.
[7] $35\frac{1}{4}$ inches.
[8] $33\frac{5}{8}$ inches.
[9] $33\frac{3}{8}$ inches.
[10] $116\frac{1}{4}$ pounds.
[11] $113\frac{3}{8}$ pounds.
[12] 110 pounds.

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PLATE 26.

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A MORO OF JOLO ISLAND.

[Age, 33. Photo No. 56; Bilibid Prison No., 2172 P. Plate 27.]

		1 Moro.	Averages.	
			10 Moros.	20 Moros (of all provinces).
Height, standing	meters	[1] 1.667	[2] 1.596	[3] 1.597
Span of arms	do	[4] 1.737	[5] 1.645	[6] 1.656
Width of shoulders	do	.399	.410	.407
Length of head	do	.182	.180	.182
Breadth of head	do	.148	.150	.150
Height of nose	do	.053	.050	.050
Breadth of nose	do	.046	.042	.041
Chest	do	[7] .825	[8] .861	[9] .848
Weight	kilos	[10] 47.74	[11] 51.45	[12] 49.91
Cephalic index	per cent	81.32	83.11	82.24
Nasal index	do	86.79	83.23	82.58

[1] 5 feet 5⅜ inches.
[2] 5 feet 2⅞ inches.
[3] 5 feet 2¼ inches.
[4] 5 feet 8⅜ inches.
[5] 5 feet 4⅜ inches.
[6] 5 feet 5¼ inches.
[7] 32½ inches.
[8] 33⅞ inches.
[9] 33⅜ inches.
[10] 104¼ pounds.
[11] 113⅛ pounds.
[12] 110 pounds.

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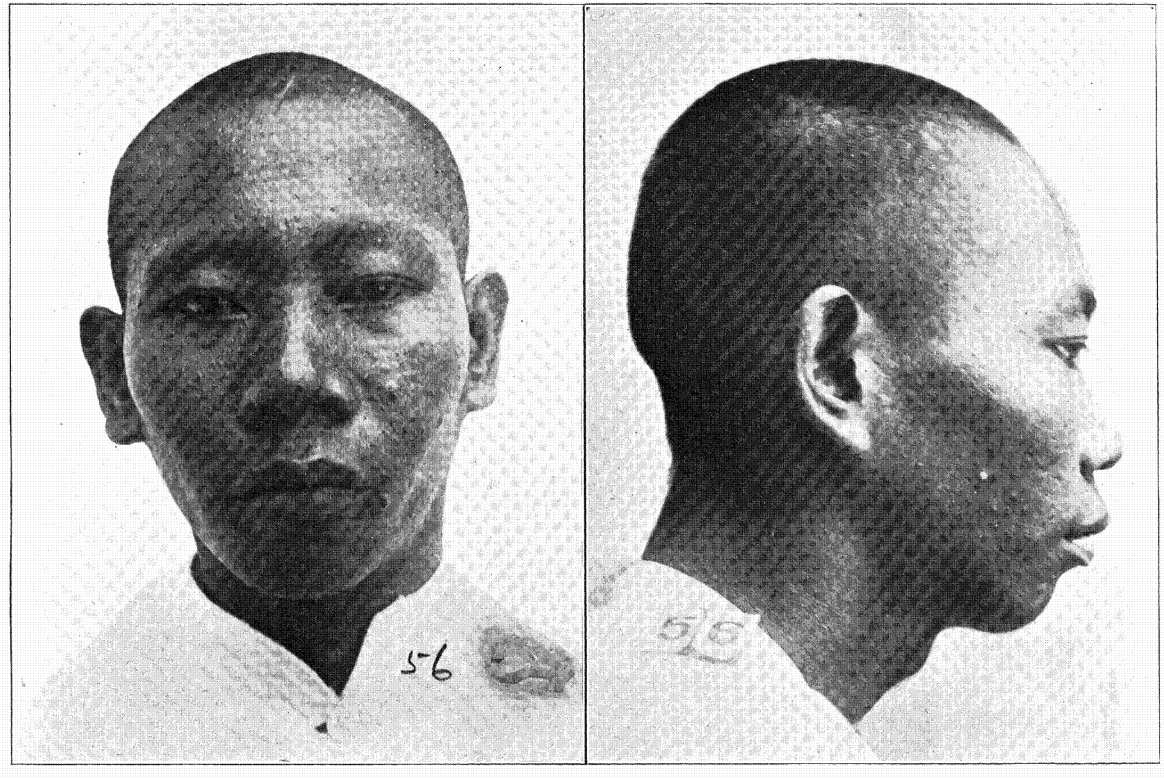

PLATE 27.

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A MORO OF JOLO ISLAND.

[Age, 30. Photo No. 80; Bilibid Prison No., 1333 C. Plate 28.]

	1 Moro.	Averages.	
		10 Moros.	20 Moros (of all provinces).
Height, standing ..... meters	[1] 1.598	[2] 1.596	[3] 1.597
Span of arms ..... do	[4] 1.699	[5] 1.645	[6] 1.659
Width of shoulders ..... do	.404	.410	.407
Length of head ..... do	.185	.180	.182
Breadth of head ..... do	.152	.150	.150
Height of nose ..... do	.049	.050	.050
Breadth of nose ..... do	.040	.042	.041
Chest ..... do	[7] .880	[8] .861	[9] .848
Weight ..... kilos	[10] 47.74	[11] 51.45	[12] 49.91
Cephalic index ..... per cent	82.162	83.11	82.24
Nasal index ..... do	81.633	83.23	82.58

[1] 5 feet 2¼ inches.
[2] 5 feet 2⅞ inches.
[3] 5 feet 2¼ inches.
[4] 5 feet 6¼ inches.
[5] 5 feet 5¾ inches.
[6] 5 feet 5¼ inches.
[7] 34¾ inches.
[8] 33⅝ inches.
[9] 33⅜ inches.
[10] 105½ pounds.
[11] 113½ pounds.
[12] 110 pounds.

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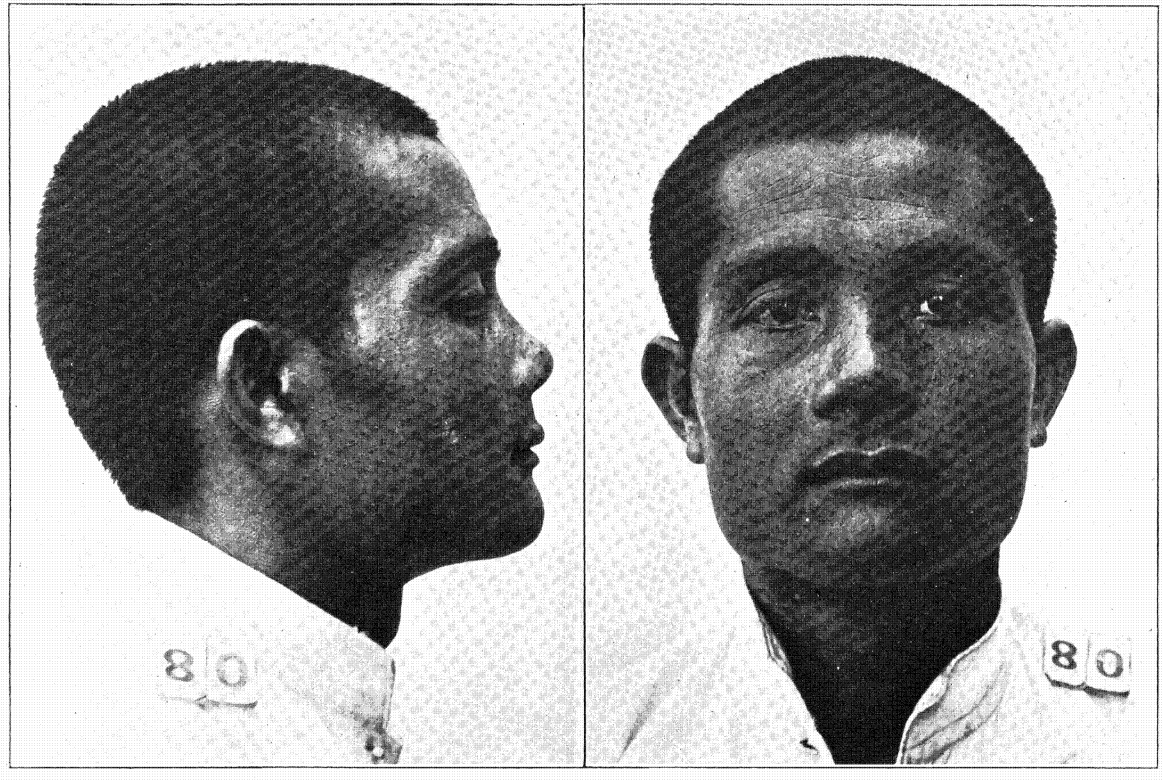

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PLATE 28.

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A MORO OF JOLO ISLAND.

[Age, 55. Photo No. 13; Bilibid Prison No., 2176 P. Plate 29.]

		1 Moro.	Averages.	
			10 Moros.	20 Moros (of all provinces).
Height, standing	meters	[1] 1.620	[2] 1.596	[3] 1.597
Span of arms	do	[4] 1.628	[5] 1.645	[6] 1.659
Width of shoulders	do	.419	.410	.407
Length of head	do	.175	.180	.182
Breadth of head	do	.147	.150	.150
Height of nose	do	.043	.050	.050
Breadth of nose	do	.040	.042	.041
Chest	do	[7] .883	[8] .861	[9] .848
Weight	kilos	[10] 55.11	[11] 51.45	[12] 49.91
Cephalic index	per cent	84.00	83.11	82.24
Nasal index	do	93.02	83.23	82.58

[1] 5 feet $3\frac{3}{8}$ inches.
[2] 5 feet $2\frac{7}{16}$ inches.
[3] 5 feet $2\frac{1}{4}$ inches.
[4] 5 feet $4\frac{1}{8}$ inches.
[5] 5 feet $4\frac{3}{4}$ inches.
[6] 5 feet $5\frac{1}{4}$ inches.
[7] $34\frac{3}{4}$ inches.
[8] $33\frac{5}{8}$ inches.
[9] $33\frac{3}{8}$ inches.
[10] $121\frac{1}{4}$ pounds.
[11] $113\frac{1}{4}$ pounds.
[12] 110 pounds.

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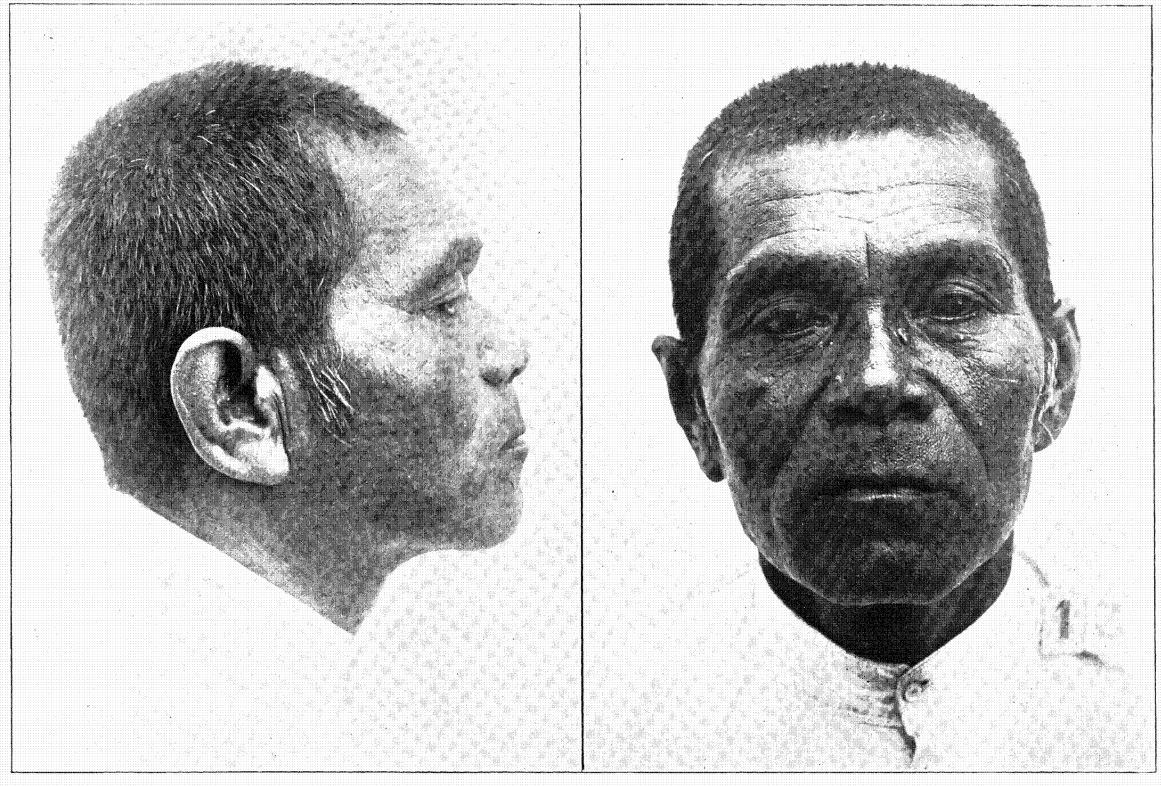

PLATE 29.

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A MORO OF ZAMBOANGA SUBPROVINCE.

[Age, 27. Photo No. 6; Bilibid Prison No., 1525 P. Plate 30.]

		1 Moro.	Averages.	
			6 Moros.	20 Moros (of all provinces).
Height, standing	meters	[1] 1.640	[2] 1.613	[3] 1.597
Span of arms	do	[4] 1.740	[5] 1.696	[6] 1.656
Width of shoulders	do	.423	.412	.407
Length of head	do	.192	.187	.182
Breadth of head	do	.158	.151	.150
Height of nose	do	.058	.050	.050
Breadth of nose	do	.040	.041	.041
Chest	do	[7] .865	[8] .840	[9] .848
Weight	kilos	[10] 52.62	[11] 48.89	[12] 49.91
Cephalic index	per cent	82.33	80.84	82.24
Nasal index	do	68.97	81.00	82.58

[1] 5 feet 4⅝ inches.
[2] 5 feet 3⅝ inches.
[3] 5 feet 2¼ inches.
[4] 5 feet 8½ inches.
[5] 5 feet 6¾ inches.
[6] 5 feet 5¼ inches.
[7] 34 inches.
[8] 33⅛ inches.
[9] 33⅜ inches.
[10] 116 pounds.
[11] 107¾ pounds.
[12] 110 pounds.

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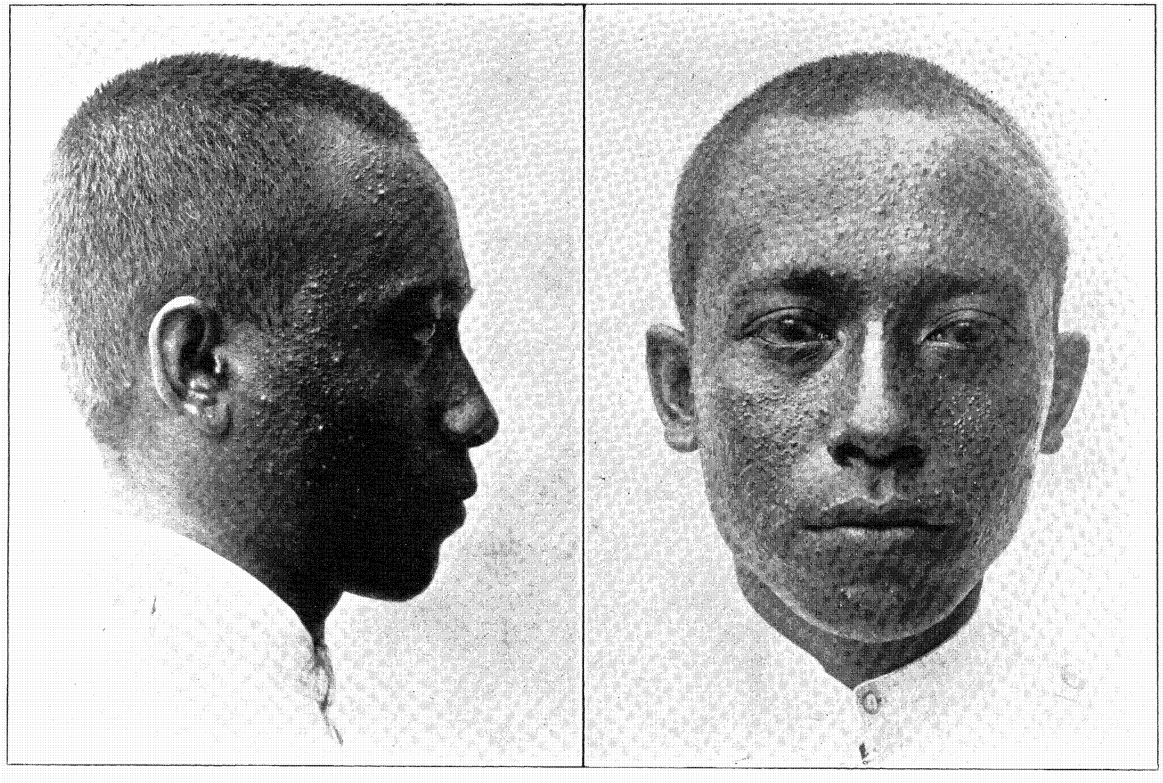

PLATE 30.

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A MORO OF ZAMBOANGA SUBPROVINCE.

[Age, 25. Photo No. 1; Bilibid Prison No., 1523 P. Plate 31.]

	1 Moro.	Averages.	
		6 Moros.	20 Moros (of all provinces).
Height, standing ..... meters	[1] 1.594	[2] 1.613	[3] 1.597
Span of arms ..... do	[4] 1.676	[5] 1.696	[6] 1.656
Width of shoulders ..... do	.410	.412	.407
Length of head ..... do	.190	.187	.182
Breadth of head ..... do	.145	.151	.150
Height of nose ..... do	.053	.050	.050
Breadth of nose ..... do	.038	.041	.040
Chest ..... do	[7] .853	[8] .840	[9] .848
Weight ..... kilos	[10] 48.99	[11] 48.89	[12] 49.91
Cephalic index ..... per cent	76.32	80.84	82.24
Nasal index ..... do	71.70	81.00	82.58

[1] 5 feet 2⅜ inches.
[2] 5 feet 3⅛ inches.
[3] 5 feet 2¼ inches.
[4] 5 feet 6 inches.
[5] 5 feet 6¾ inches.
[6] 5 feet 5¼ inches.
[7] 33⅝ inches.
[8] 33⅛ inches.
[9] 33⅜ inches.
[10] 108 pounds.
[11] 107¾ pounds.
[12] 110 pounds.

Hosted by Google

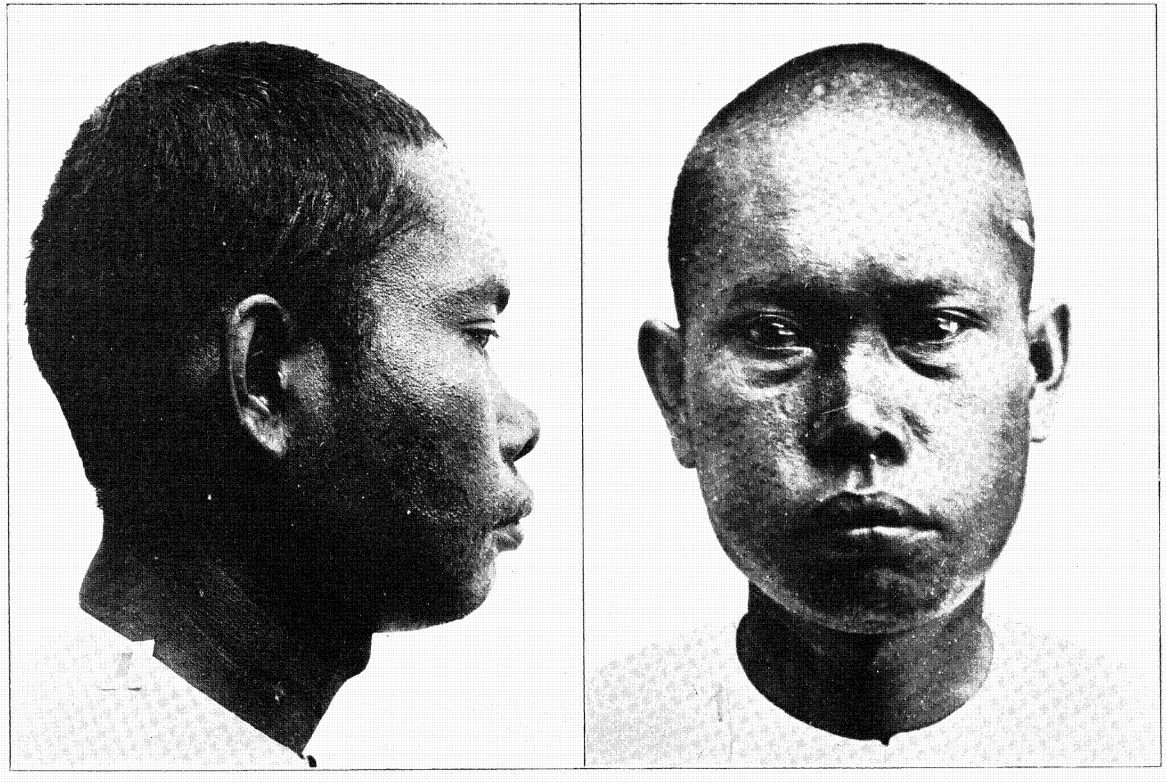

PLATE 31.

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A PAMPANGO OF PAMPANGA PROVINCE.

[Age, 45. Photo No. 188; Bilibid Prison No., 2072 P. Plate 32.]

		1 Pampango.	Averages of 62 Pampangos.
Height, standing	meters	[1] 1.672	[2] 1.620
Span of arms	do	[3] 1.696	[4] 1.658
Width of shoulders	do	.420	.423
Length of head	do	.188	.148
Breadth of head	do	.145	.182
Height of nose	do	.054	.040
Breadth of nose	do	.035	.052
Chest	do	[5] .840	[6] .844
Weight	kilos	[7] 52.28	[8] 53.56
Cephalic index	per cent	77.13	80.73
Nasal index	do	64.87	76.25

[1] 5 feet $5\frac{5}{8}$ inches.
[2] 5 feet $3\frac{3}{4}$ inches.
[3] 5 feet $6\frac{5}{8}$ inches.
[4] 5 feet $5\frac{1}{4}$ inches.
[5] $33\frac{1}{8}$ inches.
[6] 34 inches.
[7] $115\frac{1}{4}$ pounds.
[8] 118 pounds.

Hosted by Google

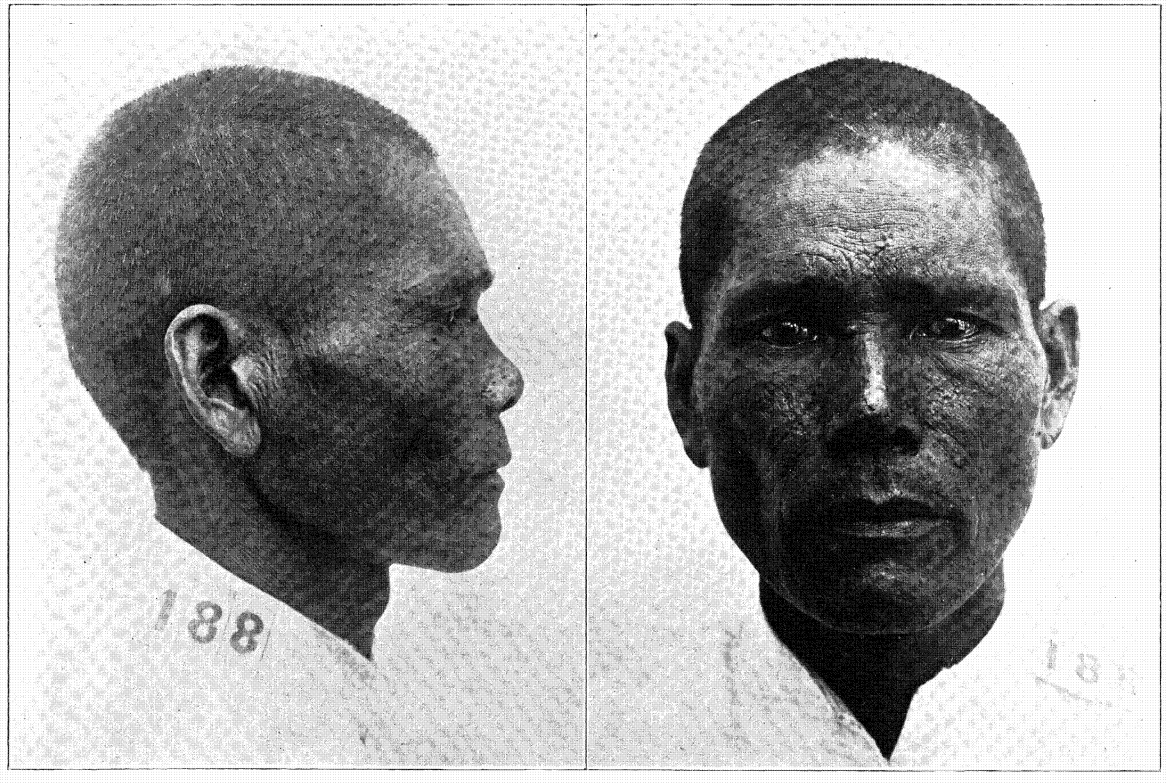

PLATE 32.

Hosted by Google

A PAMPANGO OF PAMPANGA PROVINCE.

[Age, 25. Photo No. 192; Bilibid Prison No., 2211 P. Plate 33.]

		1 Pampango.	Averages of 62 Pampangos.
Height, standing	meters	[1] 1.623	[2] 1.620
Span of arms	do		[3] 1.658
Width of shoulders	do	.391	.423
Length of head	do	.173	.184
Breadth of head	do	.136	.148
Height of nose	do	.047	.052
Breadth of nose	do	.042	.040
Chest	do	[4] .795	[5] .862
Weight	kilos	[6] 47.63	[7] 53.54
Cephalic index	per cent	78.61	80.73
Nasal index	do	89.36	76.25

[1] 5 feet 4 inches.
[2] 5 feet 3¾ inches.
[3] 5 feet 5¼ inches.
[4] 31¼ inches.
[5] 34 inches.
[6] 105 pounds.
[7] 118 pounds.

Hosted by Google

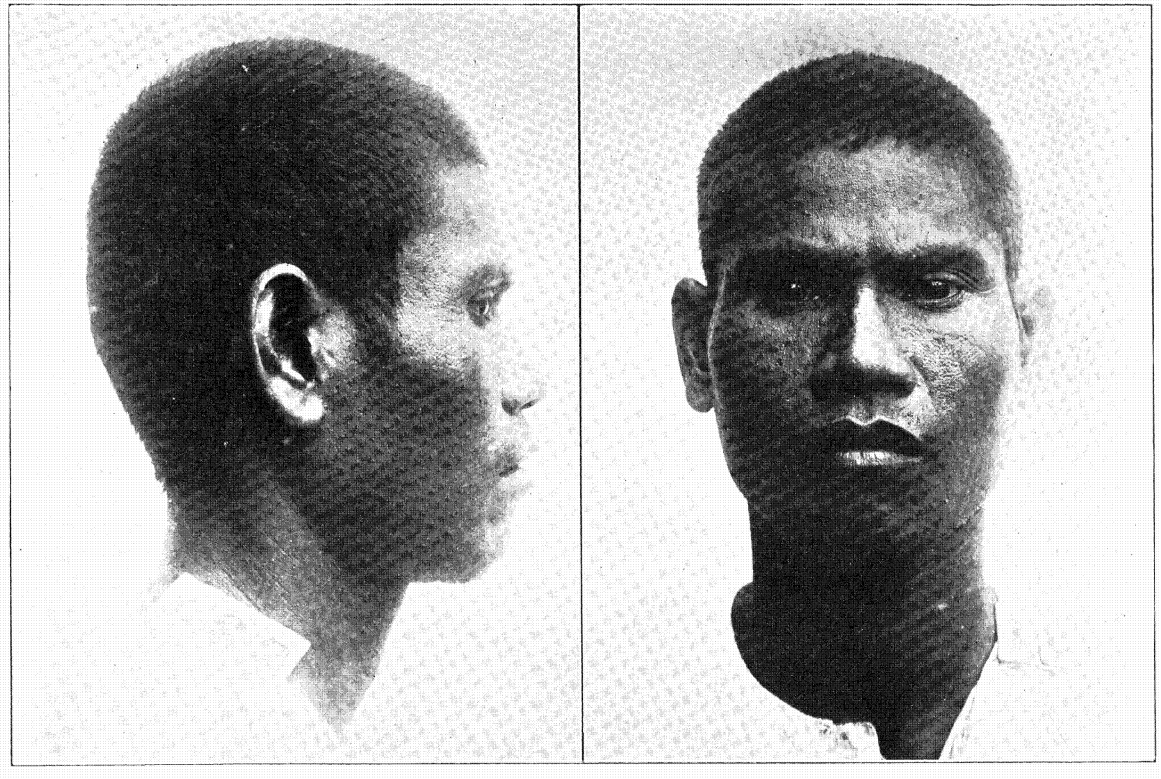

PLATE 33.

Hosted by Google

A MACABEBE OF PAMPANGA PROVINCE.

[Age, 23. Photo No. 199; Bilibid Prison No., 1547 P. Plate 34.]

	1 Macabebe.	Averages.	
		6 Macabebes.	62 Pampangos (of all provinces).
Height, standing ..... meters	[1] 1.625	[2] 1.597	[3] 1.620
Span of arms ..... do	[4] 1.735	[5] 1.699	[6] 1.658
Width of shoulders ..... do	.435	.426	.423
Length of head ..... do	.180	.184	.184
Breadth of head ..... do	.145	.147	.148
Height of nose ..... do	.042	.052	.052
Breadth of nose ..... do	.036	.040	.040
Chest ..... do	[7] .833	[8] .862	[9] .862
Weight ..... kilos	[10] 50.92	[11] 51.58	[12] 53.54
Cephalic index ..... per cent	80.56	80.20	80.73
Nasal index ..... do	85.71	77.10	76.25

[1] 5 feet 4 inches.
[2] 5 feet 2 7/8 inches.
[3] 5 feet 3 3/8 inches.
[4] 5 feet 8 1/4 inches.
[5] 5 feet 6 7/8 inches.
[6] 5 feet 5 1/4 inches.
[7] 32 3/4 inches.
[8] 34 inches.
[9] 34 inches.
[10] 112 1/4 pounds.
[11] 113 3/8 pounds.
[12] 118 pounds.

Hosted by Google

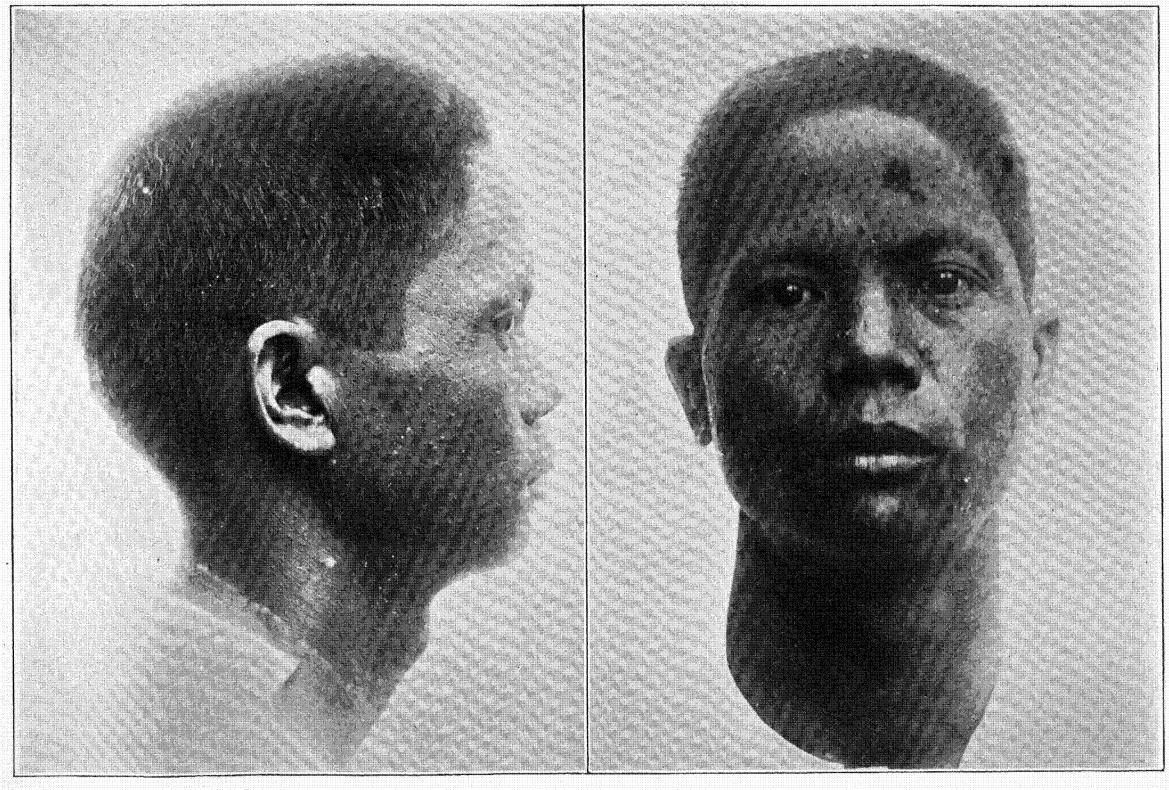

PLATE 34.

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A MACABEBE OF PAMPANGA PROVINCE.

[Age, 36. Photo No. 197; Bilibid Prison No., 1538 P. Plate 35.]

		1 Macabebe.	Averages.	
			6 Macabebes.	62 Pampangos. (of all provinces).
Height, standing	meters	[1] 1.628	[2] 1.597	[3] 1.620
Span of arms	do	[4] 1.726	[5] 1.699	[6] 1.658
Width of shoulders	do	.438	.426	.423
Length of head	do	.201	.184	.184
Breadth of head	do	.149	.147	.148
Height of nose	do	.060	.052	.052
Breadth of nose	do	.044	.040	.040
Chest	do	[7] .945	[8] .862	[9] .862
Weight	kilos	[10] 58.63	[11] 51.58	[12] 53.54
Cephalic index	per cent	74.13	80.20	80.73
Nasal index	do	73.33	77.10	76.25

[1] 5 feet $4\frac{1}{8}$ inches.
[2] 5 feet $2\frac{3}{8}$ inches.
[3] 5 feet $3\frac{3}{4}$ inches.
[4] 5 feet 8 inches.
[5] 5 feet $6\frac{7}{8}$ inches.
[6] 5 feet $5\frac{1}{4}$ inches.
[7] $37\frac{1}{4}$ inches.
[8] 34 inches.
[9] 34 inches.
[10] $129\frac{1}{4}$ pounds.
[11] $113\frac{3}{8}$ pounds.
[12] 118 pounds.

Hosted by Google

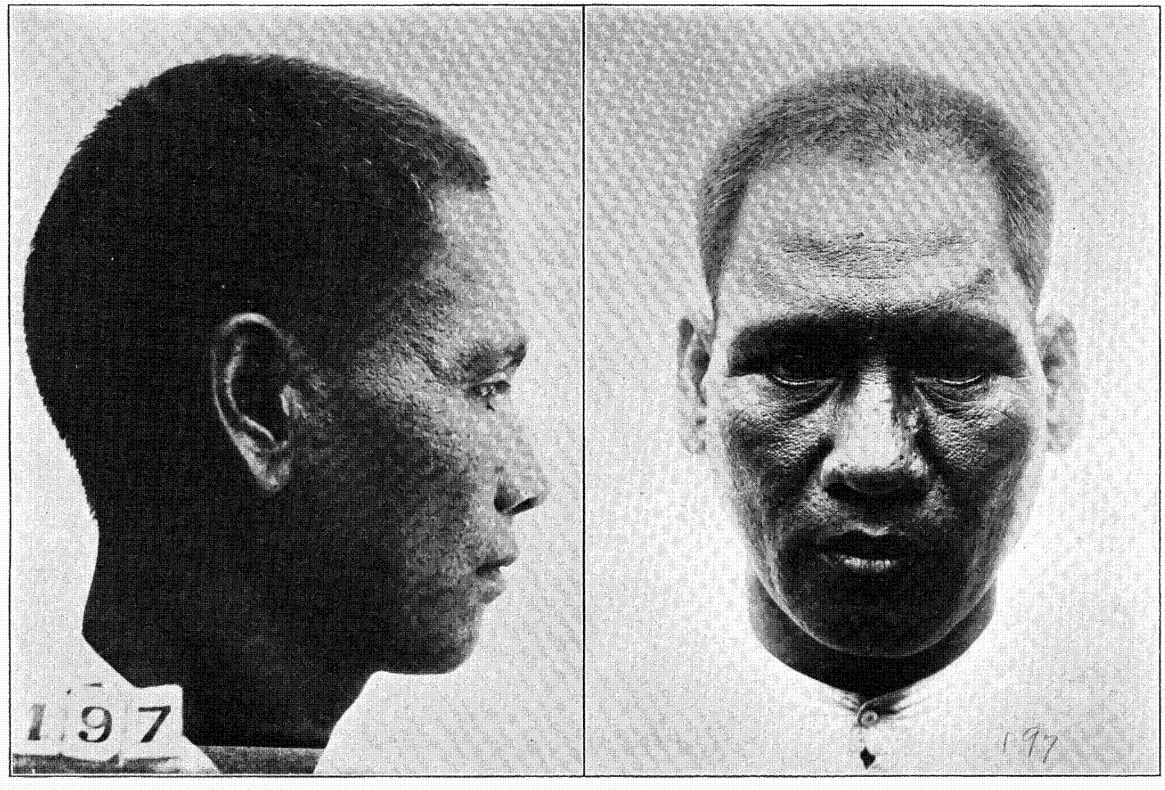

PLATE 35.

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A PANGASINAN OF PANGASINAN PROVINCE.

[Age, 31. Photo No. 226; Bilibid Prison No., 1052 P. Plate 36.]

		1 Pangasinan.	Averages of 40 Pangasinans.
Height, standing	meters	[1] 1.670	[2] 1.629
Span of arms	do	[3] 1.704	[4] 1.683
Width of shoulders	do	.386	.422
Length of head	do	.179	.181
Breadth of head	do	.155	.152
Height of nose	do	.054	.054
Breadth of nose	do	.038	.040
Chest	do	[5] .790	[6] .847
Weight	kilos	[7] 46.49	[8] 52.87
Cephalic index	per cent	86.59	84.15
Nasal index	do	70.37	73.54

[1] 5 feet $5\frac{3}{4}$ inches.
[2] 5 feet $4\frac{1}{8}$ inches.
[3] 5 feet $7\frac{1}{8}$ inches.
[4] 5 feet $6\frac{1}{4}$ inches.
[5] $31\frac{1}{8}$ inches.
[6] $33\frac{1}{8}$ inches.
[7] $102\frac{1}{2}$ pounds.
[8] $116\frac{1}{2}$ pounds.

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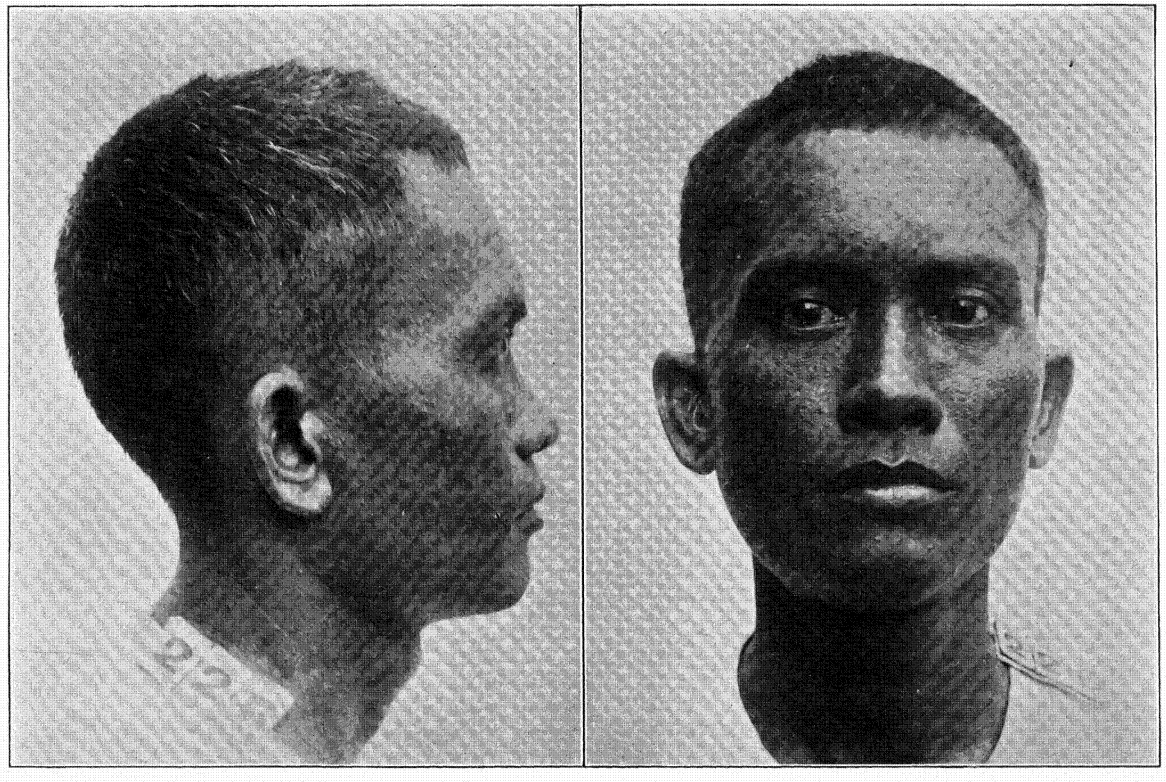

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PLATE 36.

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A PANGASINAN OF PANGASINAN PROVINCE.

[Age, 23. Photo No. 214; Bilibid Prison No., 473 P. Plate 37.]

		1 Pangasinan.	Averages of 40 Pangasinan.
Height, standing	meters	[1] 1.597	[2] 1.629
Span of arms	do	[3] 1.663	[4] 1.683
Width of shoulders	do	.444	.422
Length of head	do	.175	.181
Breadth of head	do	.158	.152
Height of nose	do	.052	.054
Breadth of nose	do	.042	.040
Chest	do	[5] .945	[6] .847
Weight	kilos	[7] 57.49	[8] 52.87
Cephalic index	per cent	90.28	84.15
Nasal index	do	80.77	73.54

[1] 5 feet $2\frac{5}{8}$ inches.
[2] 5 feet $4\frac{1}{8}$ inches.
[3] 5 feet $5\frac{1}{8}$ inches.
[4] 5 feet $6\frac{1}{4}$ inches.
[5] $37\frac{1}{4}$ inches.
[6] $33\frac{1}{8}$ inches.
[7] $126\frac{3}{4}$ pounds.
[8] $116\frac{1}{2}$ pounds.

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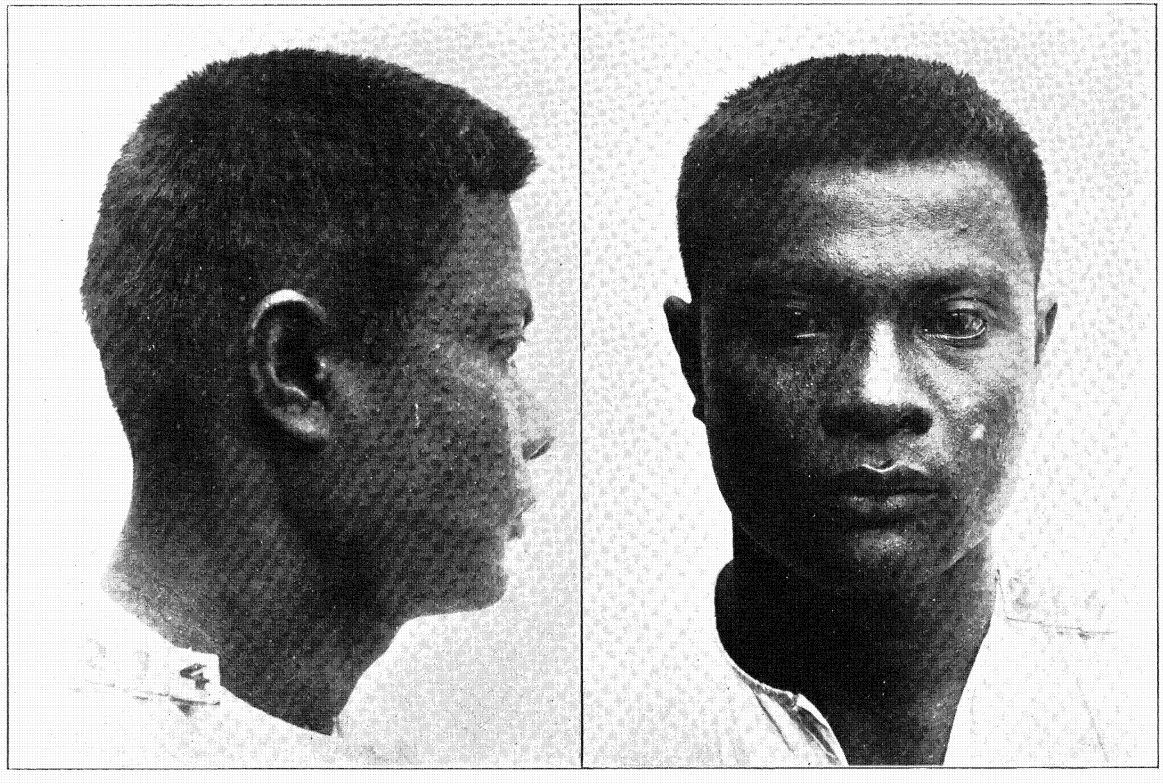

PLATE 37.

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A PANGASINAN OF PANGASINAN PROVINCE.

[Age, 34. Photo No. 233; Bilibid Prison No., 1727 P. Plate 38.]

		1 Pangasinan.	Averages of 40 Pangasinan.
Height, standing	meters	[1] 1.632	[2] 1.629
Span of arms	do	[3] 1.647	[4] 1.683
Width of shoulders	do	.411	.422
Length of head	do	.173	.181
Breadth of head	do	.155	.152
Height of nose	do	.051	.054
Breadth of nose	do	.037	.040
Chest	do	[5] .810	[6] .847
Weight	kilos	[7] 52.16	[8] 52.87
Cephalic index	per cent	88.44	84.15
Nasal index	do	72.55	73.54

[1] 5 feet $4\frac{1}{4}$ inches.
[2] 5 feet $4\frac{1}{8}$ inches.
[3] 5 feet $4\frac{5}{8}$ inches.
[4] 5 feet $6\frac{1}{4}$ inches.
[5] $31\frac{7}{8}$ inches.
[6] $33\frac{1}{8}$ inches.
[7] 115 pounds.
[8] $116\frac{1}{2}$ pounds.

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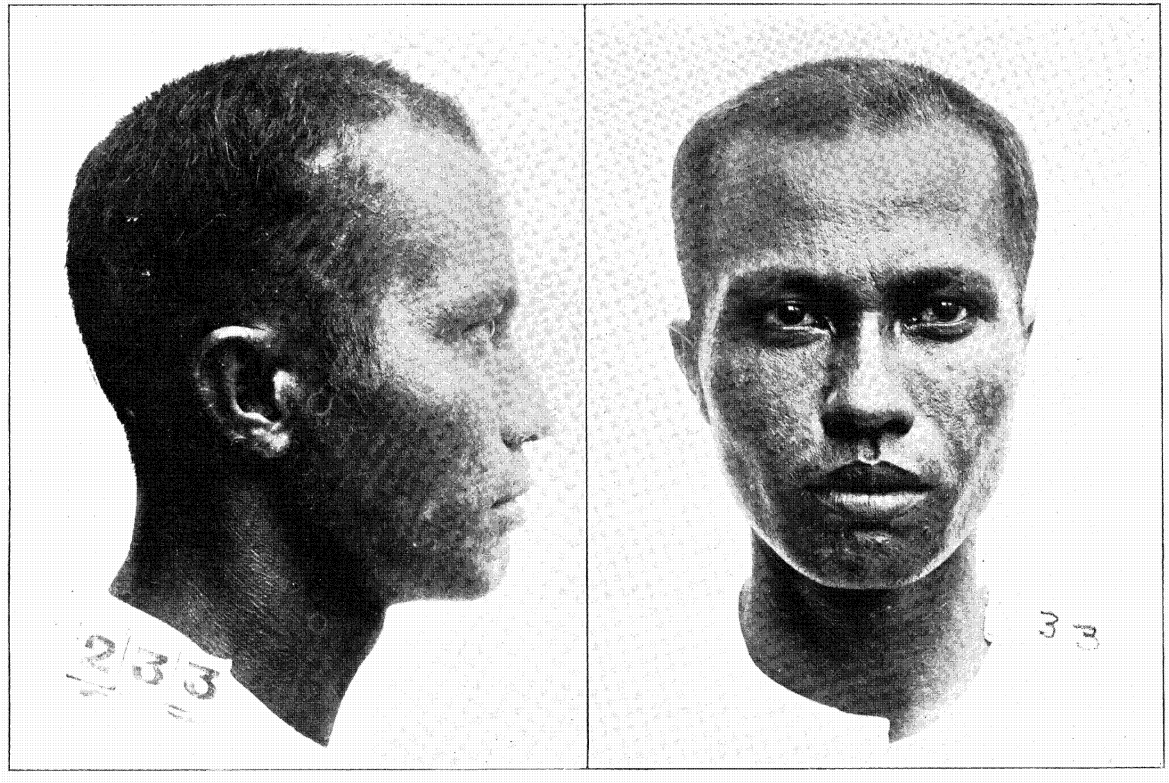

PLATE 38.

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A TAGALOG OF BATANGAS PROVINCE.

[Age, 27. Photo No. 284; Bilibid Prison No., 1232 P. Plate 39.]

		1 Tagalog.	Averages.	
			28 Tagalogs.	169 Tagalogs (of all provinces).
Height, standing	meters	[1] 1.718	[2] 1.611	[3] 1.596
Span of arms	do	[4] 1.743	[5] 1.668	[6] 1.653
Width of shoulders	do	.439	.425	.420
Length of head	do	.183	.181	.180
Breadth of head	do	.159	.152	.150
Height of nose	do	.053	.052	.051
Breadth of nose	do	.041	.041	.041
Chest	do	[7] .908	[8] .887	[9] .875
Weight	kilos	[10] 66.00	[11] 54.86	[12] 53.19
Cephalic index	per cent	86.89	82.04	83.09
Nasal index	do	77.36	79.71	79.69

[1] 5 feet 7⅝ inches.
[2] 5 feet 3⅜ inches.
[3] 5 feet 2⅝ inches.
[4] 5 feet 8⅝ inches.
[5] 5 feet 5⅝ inches.
[6] 5 feet 5⅜ inches.
[7] 35¾ inches.
[8] 34⅞ inches.
[9] 34⅜ inches.
[10] 145½ pounds.
[11] 120⅞ pounds.
[12] 117¼ pounds.

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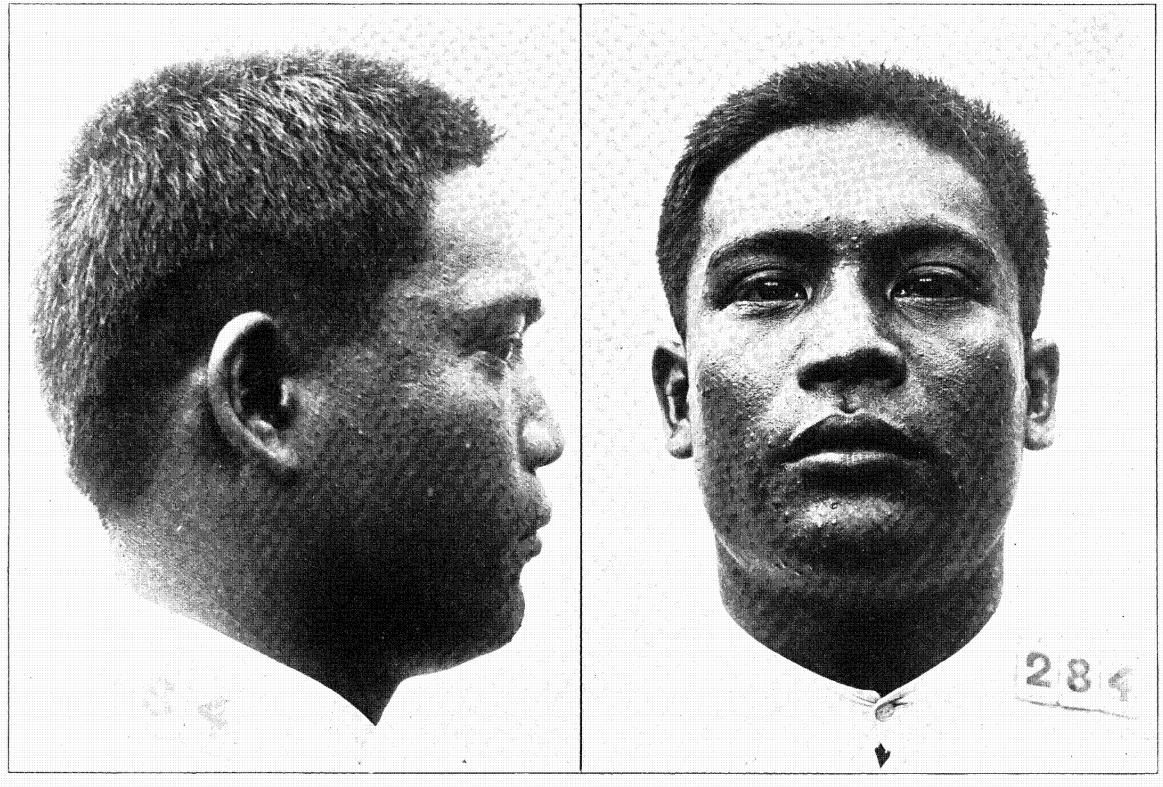

PLATE 39.

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A TAGALOG OF BATANGAS PROVINCE.

[Age, 25. Photo No. 287; Bilibid Prison No., 1960 P. Plate 40.]

		1 Tagalog.	Averages.	
			28 Tagalogs.	169 Tagalogs (of all provinces).
Height, standing	meters	[1] 1.460	[2] 1.611	[3] 1.596
Span of arms	do	[4] 1.500	[5] 1.668	[6] 1.653
Width of shoulders	do	.398	.425	.420
Length of head	do	.175	.181	.180
Breadth of head	do	.142	.152	.150
Height of nose	do	.050	.052	.051
Breadth of nose	do	.038	.041	.041
Chest	do	[7] .830	[8] .887	[9] .875
Weight	kilos	[10] 42.18	[11] 54.86	[12] 53.19
Cephalic index	per cent	81.13	82.04	83.09
Nasal index	do	76.00	79.71	79.69

[1] 4 feet $9\frac{1}{8}$ inches.
[2] 5 feet $3\frac{3}{8}$ inches.
[3] 5 feet $2\frac{7}{8}$ inches.
[4] 4 feet 11 inches.
[5] 5 feet $5\frac{7}{8}$ inches.
[6] 5 feet $5\frac{3}{8}$ inches.
[7] $32\frac{5}{8}$ inches.
[8] $34\frac{7}{8}$ inches.
[9] $34\frac{1}{8}$ inches.
[10] 93 pounds.
[11] $120\frac{5}{8}$ pounds.
[12] $117\frac{1}{4}$ pounds.

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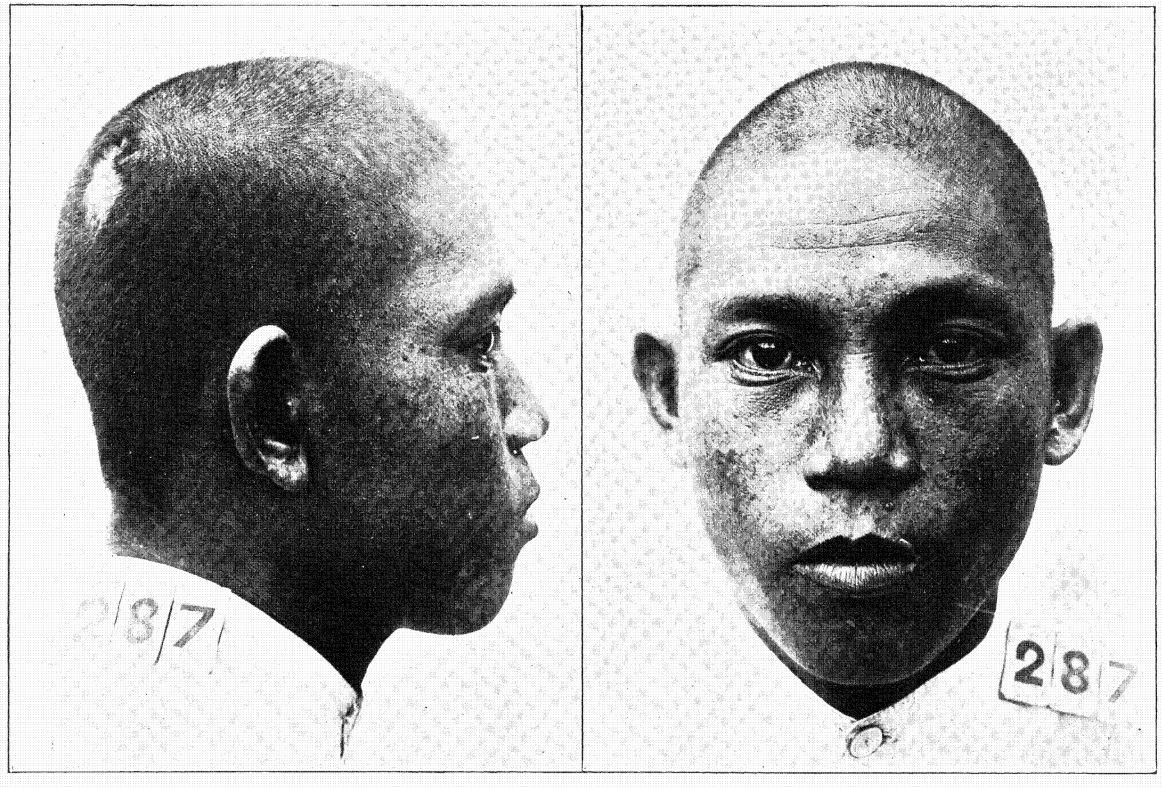

PLATE 40.

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A TAGALOG OF BULACAN PROVINCE.

[Age, 25. Photo No. 70: Bilibid Prison No., 1277 P. Plate 41.]

	1 Tagalog.	Averages.	
		22 Tagalogs.	169 Tagalogs (of all provinces).
Height, standing ..... meters	[1] 1.665	[2] 1.597	[3] 1.596
Span of arms ..... do	[4] 1.666	[5] 1.654	[6] 1.653
Width of shoulders ..... do	.402	.421	.420
Length of head ..... do	.178	.180	.180
Breadth of head ..... do	.141	.153	.150
Height of nose ..... do	.048	.050	.051
Breadth of nose ..... do	.041	.041	.041
Chest ..... do	[7] .777	[8] .857	[9] .875
Weight ..... kilos	[10] 50.58	[11] 54.50	[12] 53.19
Cephalic index ..... per cent	79.21	84.65	83.09
Nasal index ..... do	85.42	82.02	79.69

[1] 5 feet $5\frac{1}{8}$ inches.
[2] 5 feet $2\frac{7}{8}$ inches.
[3] 5 feet $2\frac{7}{8}$ inches.
[4] 5 feet $5\frac{3}{8}$ inches.
[5] 5 feet $5\frac{1}{8}$ inches.
[6] 5 feet $5\frac{1}{8}$ inches.
[7] $30\frac{5}{8}$ inches.
[8] $33\frac{3}{4}$ inches.
[9] $34\frac{1}{2}$ inches.
[10] $111\frac{1}{4}$ pounds.
[11] $120\frac{1}{8}$ pounds.
[12] $117\frac{1}{4}$ pounds.

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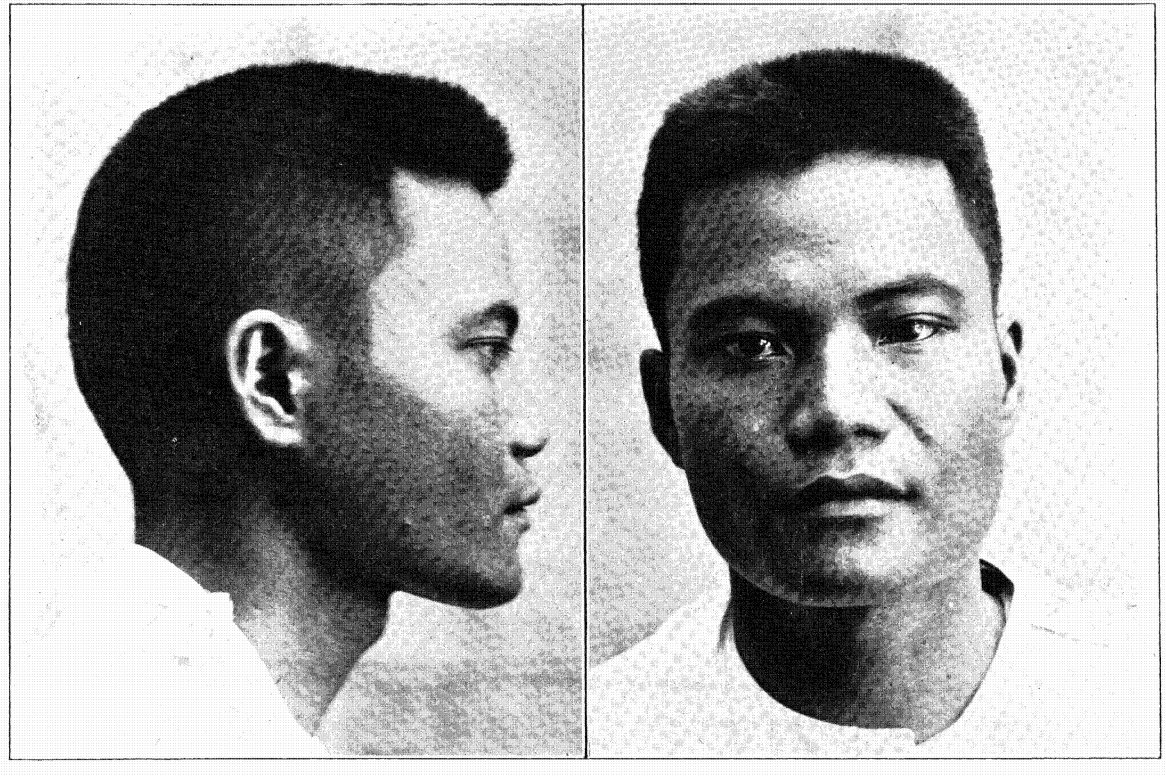

PLATE 41.

Hosted by Google

A TAGALOG OF CAVITE PROVINCE.

[Age, 31. Photo No. 276; Bilibid Prison No., 1994 P. Plate 42.]

	1 Tagalog.	Averages.	
		20 Tagalogs.	169 Tagalogs (of all provinces).
Height, standing ..... meters	[1] 1.563	[2] 1.592	[3] 1.596
Span of arms ..... do	[4] 1.591	[5] 1.645	[6] 1.653
Width of shoulders ..... do	.409	.414	.420
Length of head ..... do	.183	.180	.180
Breadth of head ..... do	.162	.149	.150
Height of nose ..... do	.052	.051	.051
Breadth of nose ..... do	.046	.040	.041
Chest ..... do	[7] .870	[8] .869	[9] .875
Weight ..... kilos	[10] 53.97	[11] 52.35	[12] 53.19
Cephalic index ..... per cent	88.53	83.27	83.09
Nasal index ..... do	86.79	78.30	79.69

[1] 5 feet $1\frac{1}{8}$ inches.
[2] 5 feet $2\frac{3}{8}$ inches.
[3] 5 feet $2\frac{5}{8}$ inches.
[4] 5 feet $2\frac{3}{8}$ inches.
[5] 5 feet $4\frac{3}{4}$ inches.
[6] 5 feet $5\frac{1}{8}$ inches.
[7] $34\frac{1}{4}$ inches.
[8] $34\frac{1}{4}$ inches.
[9] $34\frac{1}{2}$ inches.
[10] 119 pounds.
[11] $115\frac{5}{8}$ pounds.
[12] $117\frac{1}{4}$ pounds.

Hosted by Google

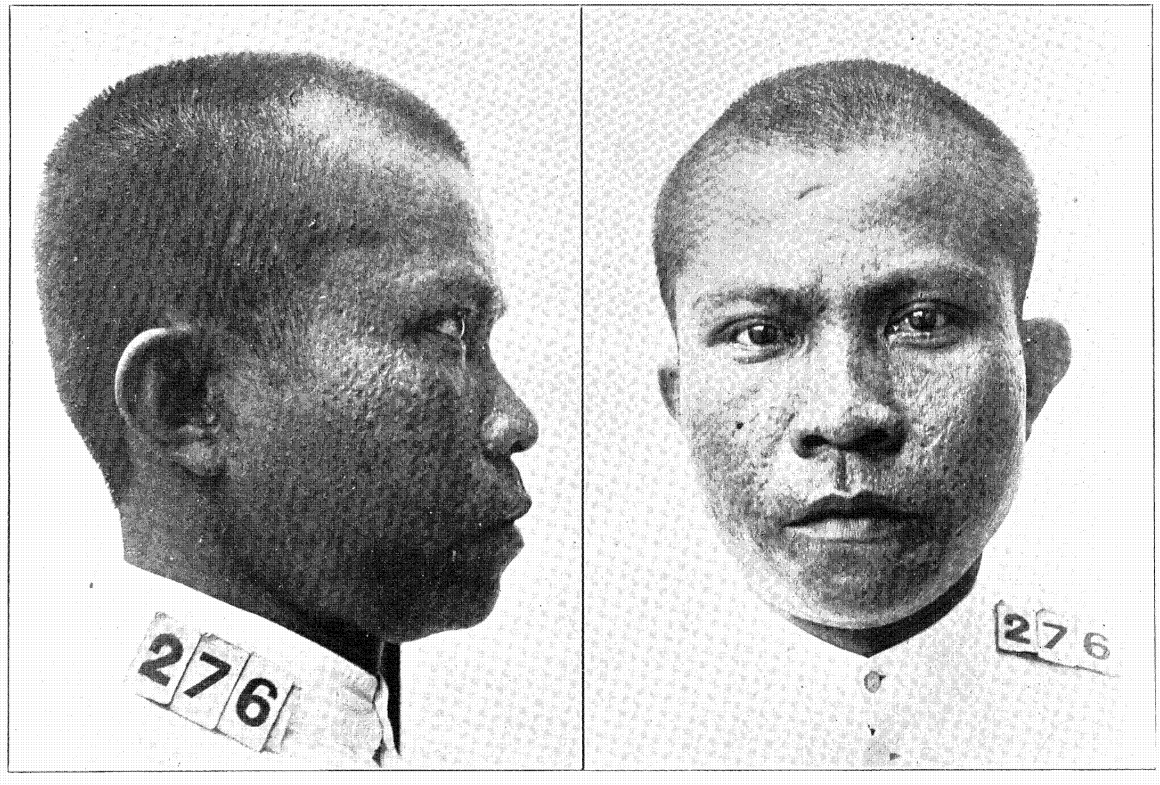

PLATE 42.

Hosted by Google

A TAGALOG OF CAVITE PROVINCE.

[Age, 30. Photo No. 274; Bilibid Prison No., 1834 P. Plate 43.]

		1 Tagalog.	Averages.	
			20 Tagalogs.	169 Tagalogs (of all provinces).
Height, standing	meters	[1] 1.727	[2] 1.592	[3] 1.596
Span of arms	do	[4] 1.772	[5] 1.645	[6] 1.653
Width of shoulders	do	.444	.414	.420
Length of head	do	.183	.180	.180
Breadth of head	do	.155	.149	.150
Height of nose	do	.054	.051	.051
Breadth of nose	do	.038	.040	.041
Chest	do	[7] .930	[8] .869	[9] .875
Weight	kilos	[10] 64.86	[11] 52.35	[12] 53.19
Cephalic index	per cent	84.70	83.27	83.09
Nasal index	do	70.04	78.30	79.69

[1] 5 feet 8 inches.
[2] 5 feet 2⅜ inches.
[3] 5 feet 2⅞ inches.
[4] 5 feet 9¾ inches.
[5] 5 feet 4¾ inches.
[6] 5 feet 5⅛ inches.
[7] 36⅝ inches.
[8] 34¼ inches.
[9] 34½ inches.
[10] 143 pounds.
[11] 115⅜ pounds.
[12] 117¼ pounds.

Hosted by Google

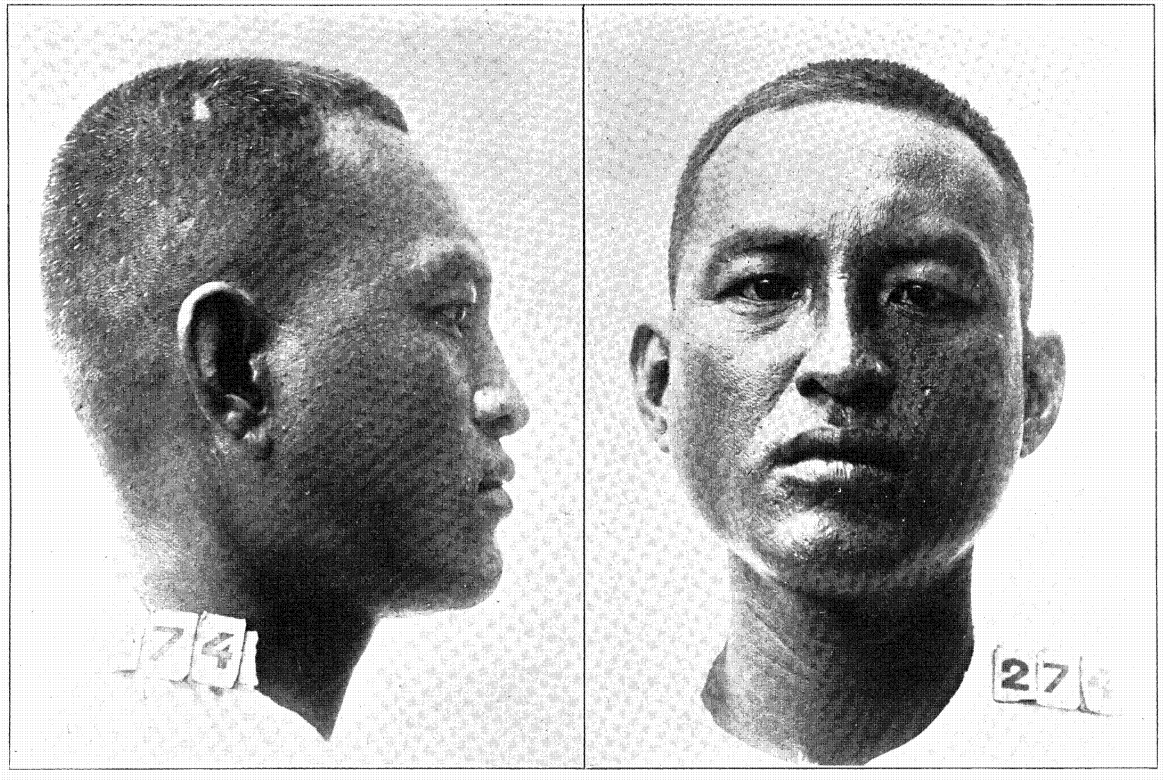

PLATE 43.

Hosted by Google

A TAGALOG OF LAGUNA PROVINCE.

[Age, 23. Photo No. 278; Bilibid Prison No., 1758 P. Plate 44.]

		1 Tagalog.	Averages.	
			20 Tagalogs.	169 Tagalogs (of all provinces).
Height standing	meters	[1] 1.635	[2] 1.600	[3] 1.596
Span of arms	do	[4] 1.678	[5] 1.632	[6] 1.653
Width of shoulders	do	.445	.425	.420
Length of head	do	.170	.179	.180
Breadth of head	do	.150	.149	.150
Height of nose	do	.049	.050	.051
Breadth of nose	do	.041	.041	.041
Chest	do	[7] .917	[8] .893	[9] .875
Weight	kilos	[10] 59.11	[11] 54.96	[12] 53.19
Cephalic index	per cent	88.24	83.00	83.09
Nasal index	do	83.67	81.91	79.69

[1] 5 feet $4\frac{3}{8}$ inches.
[2] 5 feet 3 inches.
[3] 5 feet $2\frac{7}{8}$ inches.
[4] 5 feet 6 inches.
[5] 5 feet $4\frac{1}{4}$ inches.
[6] 5 feet $5\frac{1}{8}$ inches.
[7] $36\frac{1}{8}$ inches.
[8] $35\frac{1}{8}$ inches.
[9] $34\frac{1}{2}$ inches.
[10] $130\frac{1}{4}$ pounds.
[11] $121\frac{1}{8}$ pounds.
[12] $117\frac{1}{4}$ pounds.

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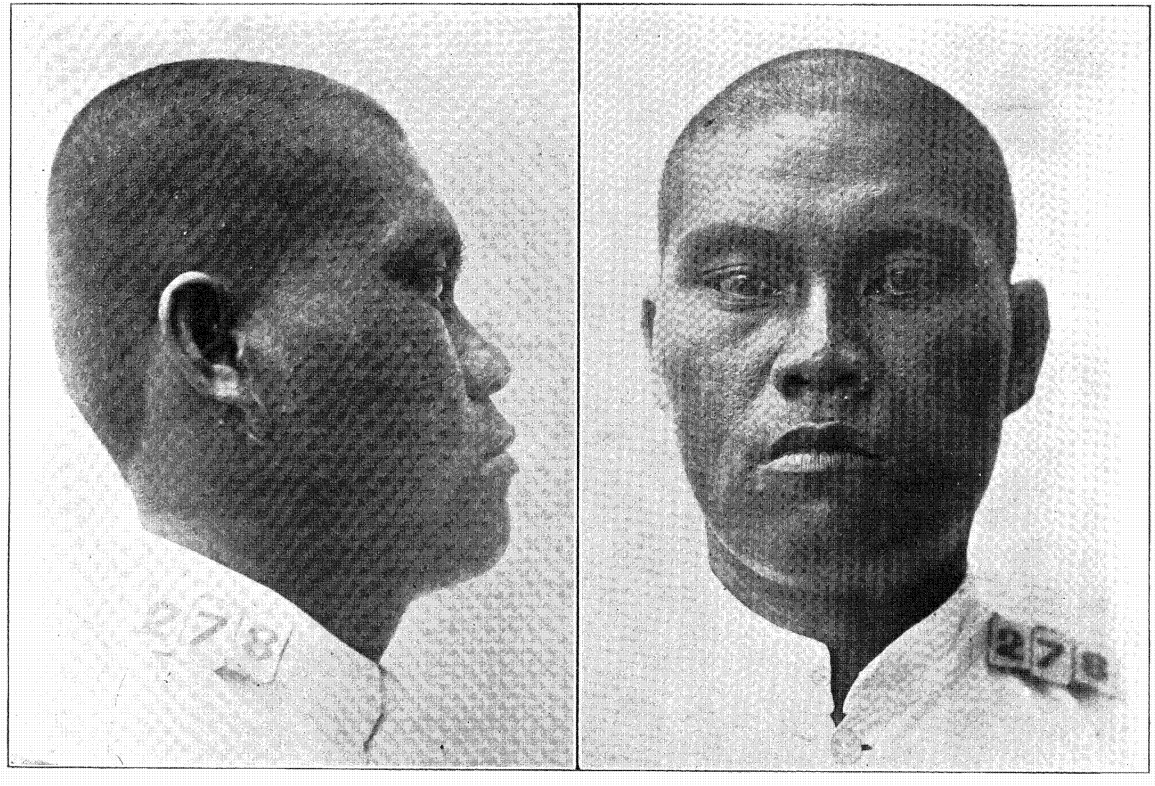

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PLATE 44.

Hosted by Google

A TAGALOG OF LAGUNA PROVINCE.

[Age, 27. Photo No. 279; Bilibid Prison No., 709 P. Plate 45.]

	1 Tagalog.	Averages.	
		20 Tagalogs.	169 Tagalogs (of all provinces).
Height, standing ..... meters	[1] 1.567	[2] 1.600	[3] 1.596
Span of arms ..... do	[4] 1.598	[5] 1.632	[6] 1.653
Width of shoulders ..... do	.399	.425	.420
Length of head ..... do	.181	.179	.180
Breadth of head ..... do	.149	.149	.150
Height of nose ..... do	.055	.050	.051
Breadth of nose ..... do	.041	.041	.041
Chest ..... do	[7] .815	[8] .893	[9] .875
Weight ..... kilos	[10] 45.81	[11] 54.96	[12] 53.19
Cephalic index ..... per cent	82.32	83.00	83.09
Nasal index ..... do	74.55	81.91	79.69

[1] 5 feet 1⅝ inch.
[2] 5 feet 3 inches.
[3] 5 feet 2⅞ inches.
[4] 5 feet 3 inches.
[5] 5 feet 4¼ inches.
[6] 5 feet 5⅛ inches.
[7] 32½ inches.
[8] 35⅛ inches.
[9] 34½ inches.
[10] 101 pounds.
[11] 121⅛ pounds.
[12] 117¼ pounds.

Hosted by Google

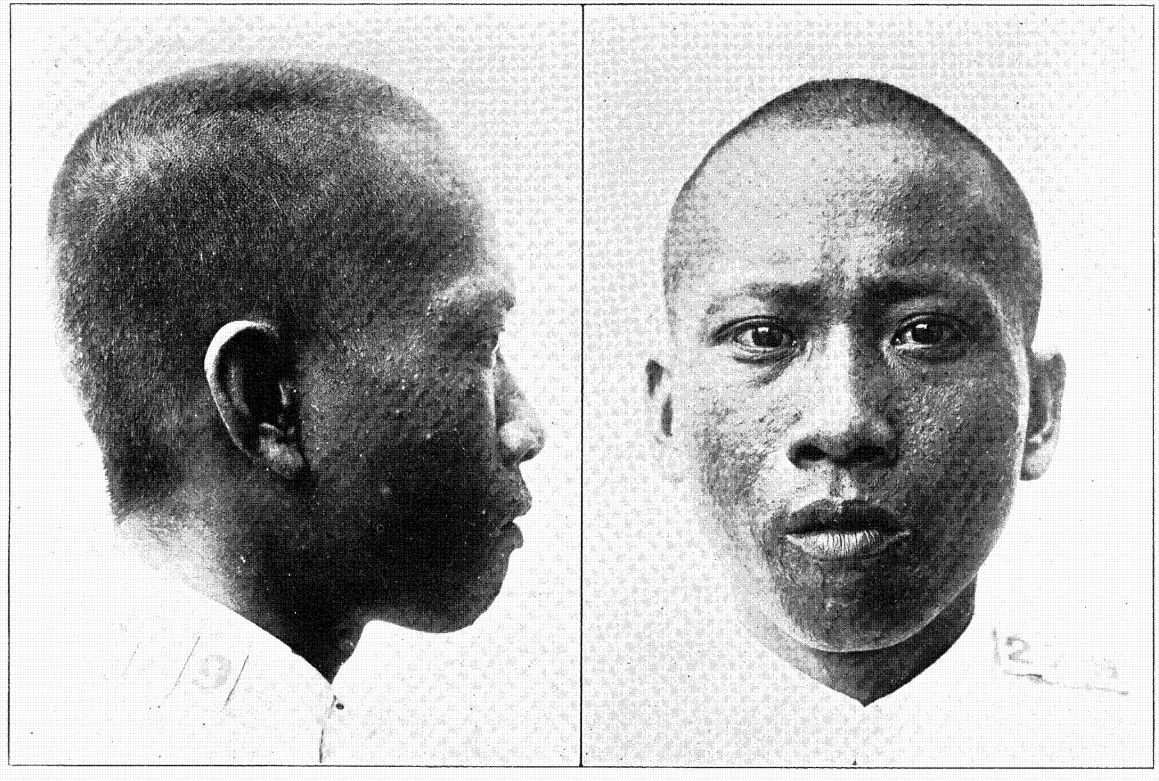

PLATE 45.

Hosted by Google

A TAGALOG OF NUEVA ECIJA PROVINCE.

[Age, 35. Photo No. 211; Bilibid Prison No., 155 C. Plate 46.]

		1 Tagalog.	Averages.	
			26 Tagalogs.	169 Tagalogs (of all provinces).
Height, standing	meters	[1] 1.603	[2] 1.610	[3] 1.596
Span of arms	do	[4] 1.696	[5] 1.668	[6] 1.653
Width of shoulders	do	.393	.420	.420
Length of head	do	.178	.180	.185
Breadth of head	do	.151	.150	.150
Height of nose	do	.056	.050	.051
Breadth of nose	do	.037	.040	.041
Chest	do	[7] .830	[8] .870	[9] .875
Weight	kilos	[10] 44.91	[11] 52.00	[12] 53.19
Cephalic index	per cent	84.83	83.30	83.09
Nasal index	do	66.07	80.43	79.69

[1] 5 feet 3 1/8 inches.
[2] 5 feet 3 3/8 inches.
[3] 5 feet 2 7/8 inches.
[4] 5 feet 6 3/4 inches.
[5] 5 feet 5 5/8 inches.
[6] 5 feet 5 1/8 inches.
[7] 32 5/8 inches.
[8] 34 1/4 inches.
[9] 34 1/8 inches.
[10] 99 pounds.
[11] 114 5/8 pounds.
[12] 117 1/4 pounds.

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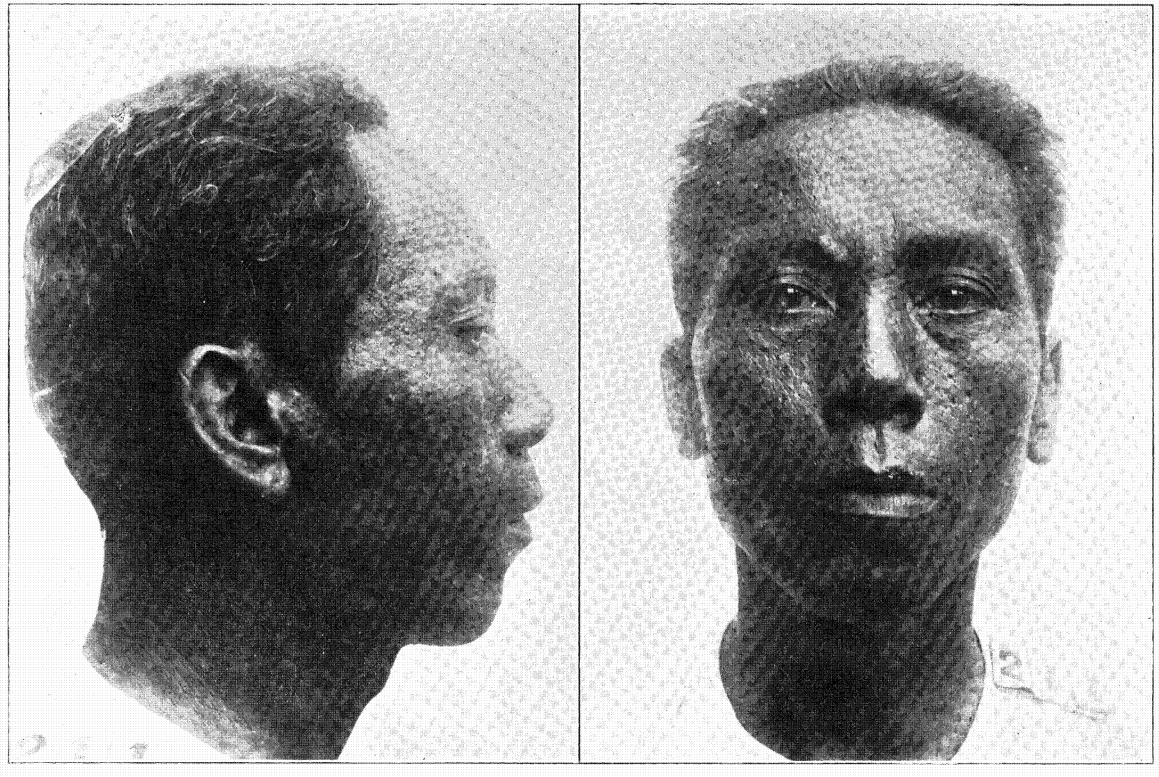

PLATE 46.

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A TAGALOG OF RIZAL PROVINCE.

[Age, 25. Photo No. 271; Bilibid Prison No., 1641 P. Plate 47.]

		1 Tagalog.	Averages.	
			25 Tagalogs.	169 Tagalogs (of all provinces).
Height, standing	meters	[1] 1.577	[2] 1.579	[3] 1.596
Span of arms	do	[4] 1.686	[5] 1.645	[6] 1.653
Width of shoulders	do	.430	.422	.420
Length of head	do	.176	.184	.180
Breadth of head	do	.154	.149	.150
Height of nose	do	.050	.051	.051
Breadth of nose	do	.040	.041	.041
Chest	do	[7] .875	[8] .880	[9] .875
Weight	kilos	[10] 51.03	[11] 53.42	[12] 53.19
Cephalic index	per cent	87.50	81.24	83.09
Nasal index	do	80.00	80.53	79.69

[1] 5 feet $2\frac{1}{8}$ inches.
[2] 5 feet $2\frac{1}{8}$ inches.
[3] 5 feet $2\frac{7}{8}$ inches.
[4] 5 feet $6\frac{3}{8}$ inches.
[5] 5 feet $4\frac{3}{4}$ inches.
[6] 5 feet $5\frac{1}{8}$ inches.
[7] $34\frac{3}{8}$ inches.
[8] $34\frac{5}{8}$ inches.
[9] $34\frac{1}{8}$ inches.
[10] $112\frac{1}{4}$ pounds.
[11] $117\frac{3}{4}$ pounds.
[12] $117\frac{1}{4}$ pounds.

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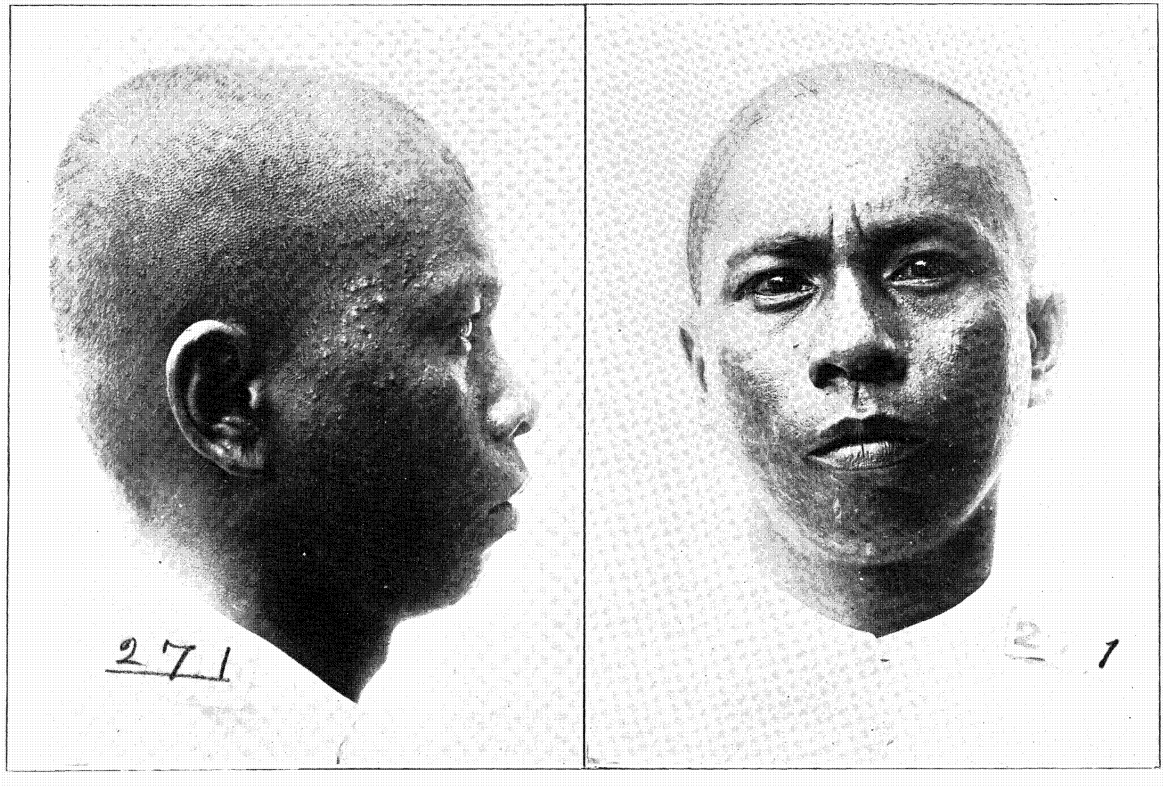

PLATE 47.

Hosted by Google

A TAGALOG OF RIZAL PROVINCE.

[Age, 20. Photo No. 272; Bilibid Prison No., 1888 P. Plate 48.]

	1 Tagalog.	Averages.	
		25 Tagalogs.	169 Tagalogs (of all provinces).
Height, standing ..... meters	[1] 1.496	[2] 1.579	[3] 1.596
Span of arms ..... do	[4] 1.573	[5] 1.645	[6] 1.653
Width of shoulders ..... do	.390	.422	.420
Length of head ..... do	.189	.184	.180
Breadth of head ..... do	.156	.149	.150
Height of nose ..... do	.045	.051	.051
Breadth of nose ..... do	.040	.041	.041
Chest ..... do	[7] .798	[8] .880	[9] .875
Weight ..... kilos	[10] 40.14	[11] 53.42	[12] 53.19
Cephalic index ..... per cent	83.87	81.24	83.09
Nasal index ..... do	88.89	80.53	79.69

[1] 4 feet $10\frac{5}{8}$ inches.
[2] 5 feet $2\frac{1}{8}$ inches.
[3] 5 feet $2\frac{7}{8}$ inches.
[4] 5 feet $1\frac{5}{8}$ inches.
[5] 5 feet $4\frac{3}{4}$ inches.
[6] 5 feet $5\frac{1}{8}$ inches.
[7] $31\frac{3}{8}$ inches.
[8] $34\frac{3}{8}$ inches.
[9] $34\frac{1}{4}$ inches.
[10] $88\frac{1}{8}$ pounds.
[11] $117\frac{3}{4}$ pounds.
[12] $117\frac{1}{4}$ pounds.

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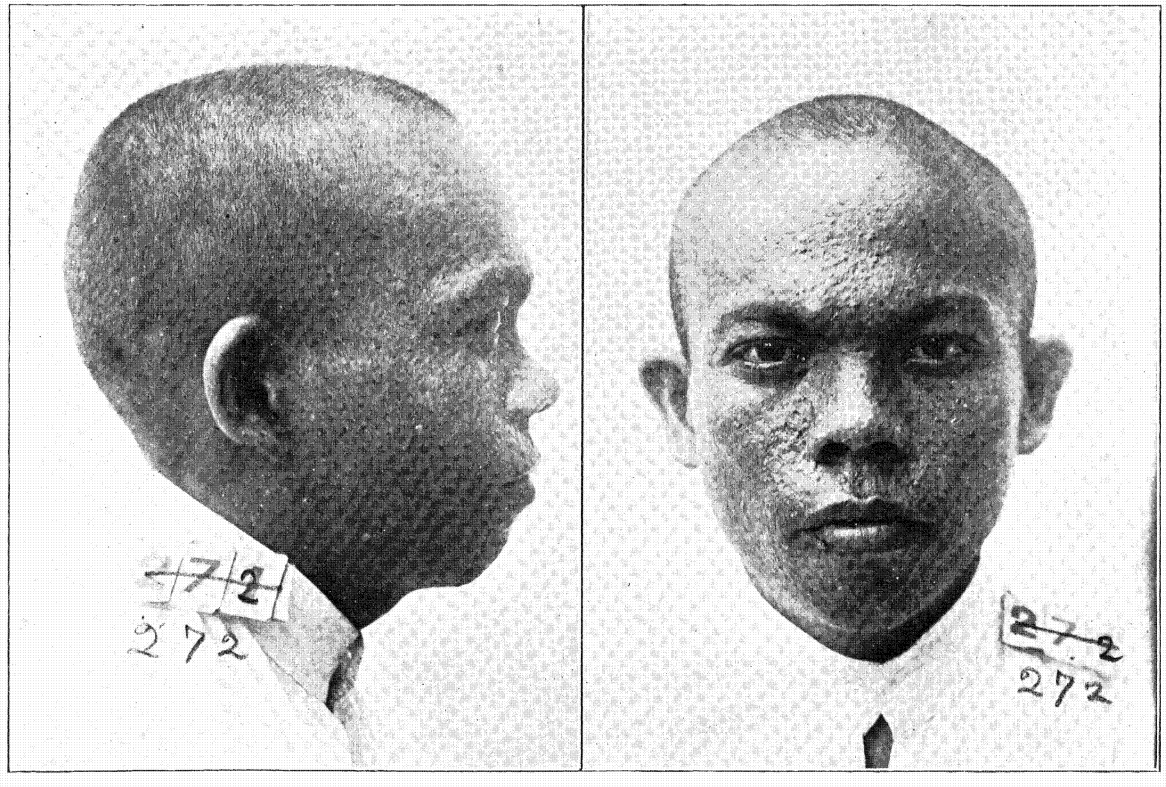

PLATE 48.

Hosted by Google

A TAGALOG OF TAYABAS PROVINCE.

[Age, 22. Photo No. 249; Bilibid Prison No., 1355 P. Plate 49.]

	1 Tagalog.	Averages.	
		28 Tagalogs.	169 Tagalogs (of all provinces).
Height, standing ..... meters	[1] 1.483	[2] 1.579	[3] 1.596
Span of arms ..... do	[4] 1.543	[5] 1.645	[6] 1.653
Width of shoulders ..... do	.405	.412	.420
Length of head ..... do	.178	.180	.180
Breadth of head ..... do	.150	.148	.150
Height of nose ..... do	.052	.052	.051
Breadth of nose ..... do	.042	.040	.041
Chest ..... do	[7] .840	[8] .856	[9] .875
Weight ..... kilos	[10] 46.49	[11] 50.72	[12] 53.19
Cephalic index ..... per cent	84.27	82.30	83.09
Nasal index ..... do	80.77	76.01	79.69

[1] 4 feet $10\frac{3}{8}$ inches.
[2] 5 feet $2\frac{1}{8}$ inches.
[3] 5 feet $2\frac{7}{8}$ inches.
[4] 5 feet $\frac{3}{4}$ inches.
[5] 5 feet $4\frac{3}{4}$ inches.
[6] 5 feet $5\frac{1}{8}$ inches.
[7] $33\frac{1}{8}$ inches.
[8] $33\frac{3}{4}$ inches.
[9] $34\frac{1}{8}$ inches.
[10] $102\frac{1}{2}$ pounds.
[11] 112 pounds.
[12] $117\frac{1}{4}$ pounds.

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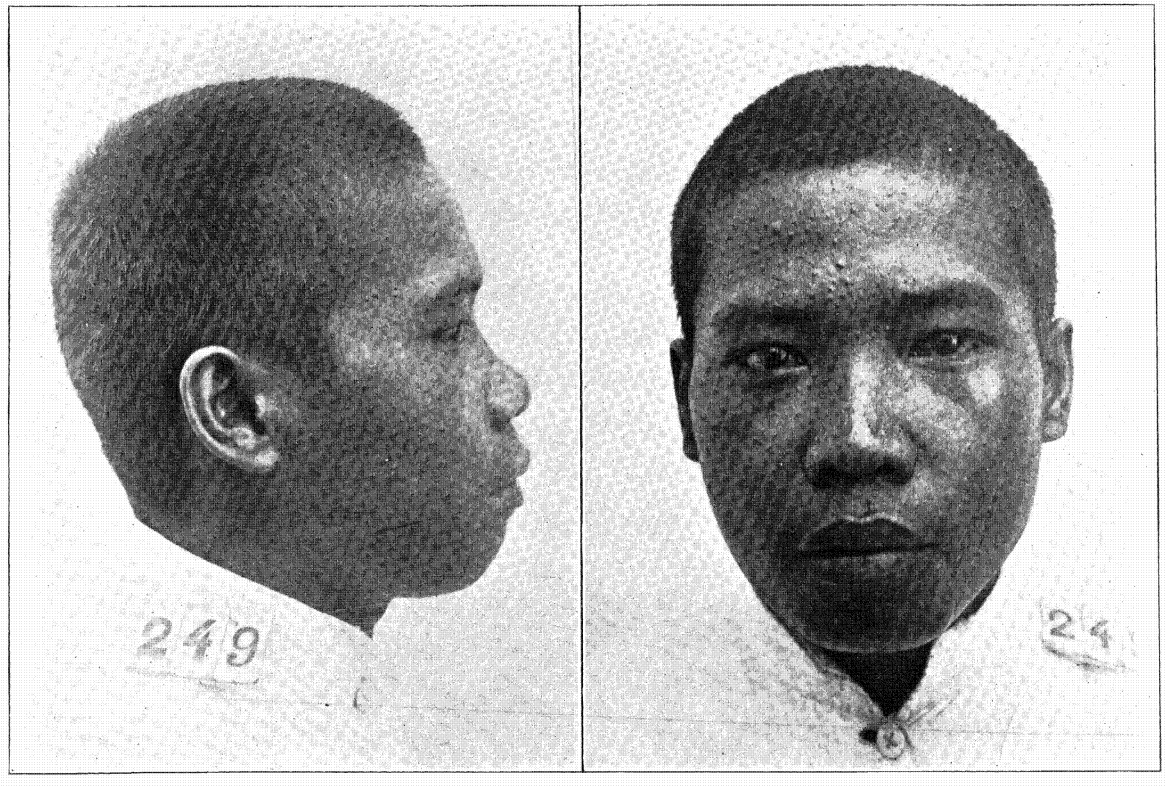

PLATE 49.

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A TAGALOG OF TAYABAS PROVINCE.

[Age, 37. Photo No. 246; Bilibid Prison No., 558 P. Plate 50.]

		1 Tagalog.	Averages.	
			28 Tagalogs.	169 Tagalogs (of all provinces).
Height, standing	meters	[1] 1.579	[2] 1.579	[3] 1.596
Span of arms	do	[4] 1.585	[5] 1.645	[6] 1.653
Width of shoulders	do	.426	.412	.420
Length of head	do	.177	.180	.180
Breadth of head	do	.148	.148	.150
Height of nose	do	.053	.052	.050
Breadth of nose	do	.039	.040	.041
Chest	do	[7] .940	[8] .856	[9] .875
Weight	kilos	[10] 57.38	[11] 50.72	[12] 53.19
Cephalic index	per cent	83.62	82.30	83.09
Nasal index	do	73.59	76.01	79.69

[1] 5 feet $2\frac{1}{8}$ inches.
[2] 5 feet $2\frac{1}{8}$ inches.
[3] 5 feet $2\frac{7}{8}$ inches.
[4] 5 feet $2\frac{3}{8}$ inches.
[5] 5 feet $4\frac{3}{4}$ inches.
[6] 5 feet $5\frac{1}{8}$ inches.
[7] 37 inches.
[8] $33\frac{3}{4}$ inches.
[9] $34\frac{1}{8}$ inches.
[10] $126\frac{1}{8}$ pounds.
[11] $111\frac{3}{4}$ pounds.
[12] $117\frac{1}{4}$ pounds.

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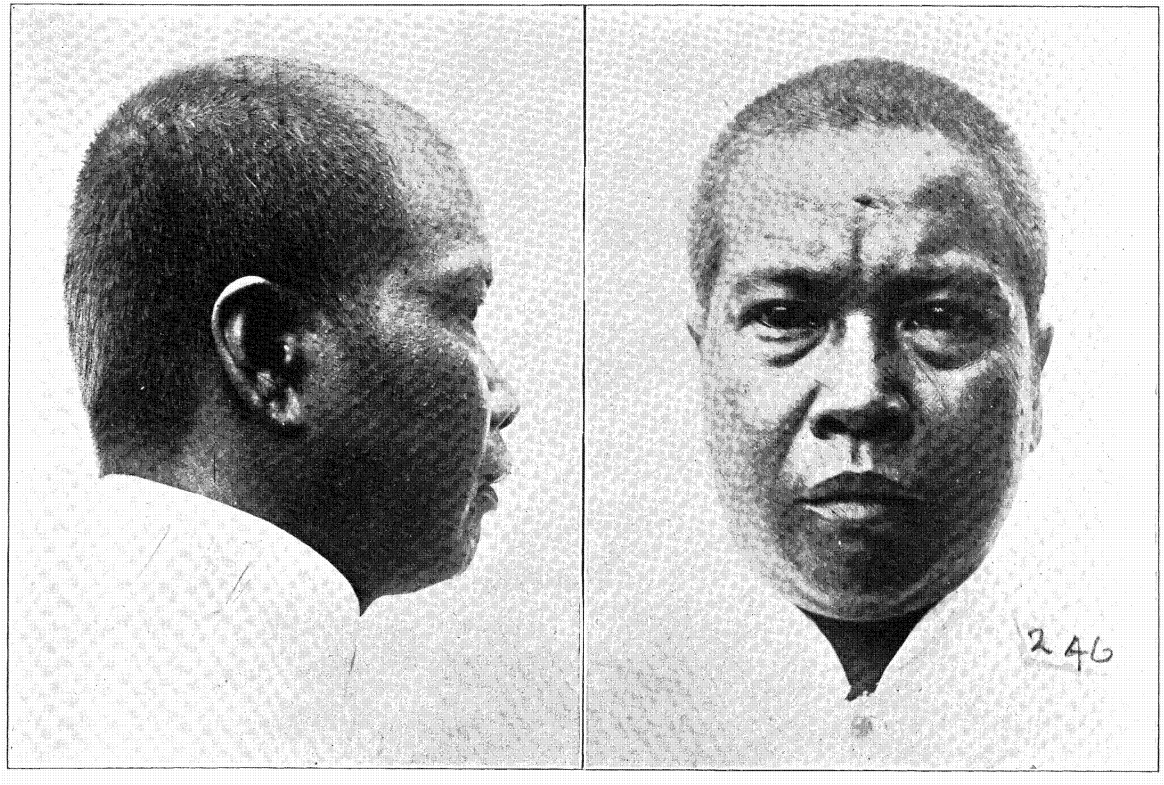

PLATE 50.

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A VISAYA OF BOHOL PROVINCE.

[Age, 37. Photo No. 258: Bilibid Prison No., 2684 P. Plate 51.]

		1 Visaya.	Averages.	
			16 Visayas.	259 Visayas (of all provinces).
Height, standing	meters	[1] 1.487	[2] 1.594	[3] 1.587
Span of arms	do	[4] 1.578	[5] 1.676	[6] 1.661
Width of shoulders	do	.414	.402	.413
Length of head	do	.173	.178	.179
Breadth of head	do	.149	.151	.151
Height of nose	do	.050	.049	.049
Breadth of nose	do	.037	.040	.040
Chest	do	[7] .858	[8] .820	[9] .840
Weight	kilos	[10] 45.36	[11] 48.16	[12] 51.89
Cephalic index	per cent	86.13	84.71	84.41
Nasal index	do	74.00	80.46	81.67

[1] 5 feet 10$\frac{1}{8}$ inches.
[2] 5 feet 2$\frac{3}{4}$ inches.
[3] 5 feet 2$\frac{1}{8}$ inches.
[4] 5 feet 2$\frac{1}{8}$ inches.
[5] 5 feet 6 inches.
[6] 5 feet 5$\frac{3}{8}$ inches.
[7] 33$\frac{3}{4}$ inches.
[8] 32$\frac{1}{4}$ inches.
[9] 33$\frac{1}{8}$ inches.
[10] 100 pounds.
[11] 106$\frac{1}{4}$ pounds.
[12] 114$\frac{1}{8}$ pounds.

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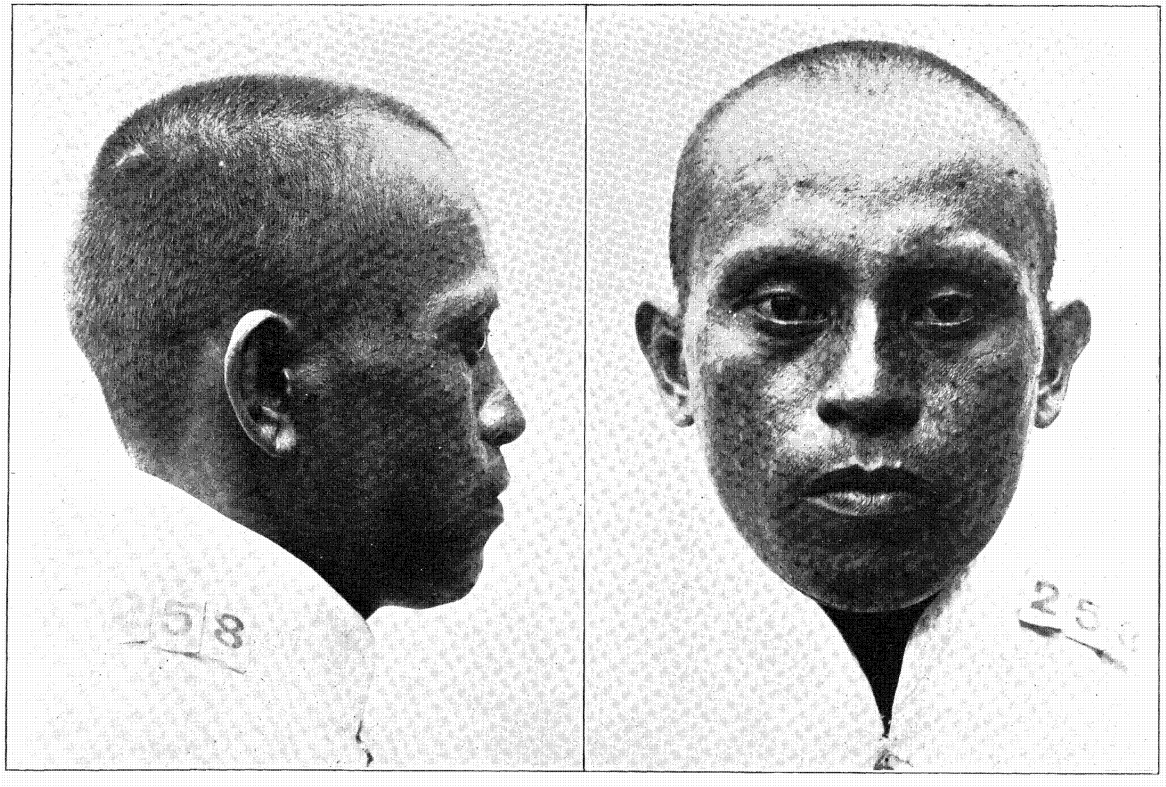

PLATE 51.

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A VISAYA OF CAPIZ PROVINCE.

[Age, 26. Photo No. 147; Bilibid Prison No., 1454 P. Plate 52.]

	1 Visaya.	Averages.	
		27 Visayas.	259 Visayas (of all provinces).
Height, standing ..... meters	[1] 1.622	[2] 1.590	[3] 1.587
Span of arms ..... do	[4] 1.624	[5] 1.683	[6] 1.661
Width of shoulders ..... do	.417	.422	.413
Length of head ..... do	.184	.181	.179
Breadth of head ..... do	.156	.150	.151
Height of nose ..... do	.051	.049	.049
Breadth of nose ..... do	.042	.042	.040
Chest ..... do	[7] .833	[8] .845	[9] .840
Weight ..... kilos	[10] 58.29	[11] 53.20	[12] 51.89
Cephalic index ..... per cent	82.89	83.03	84.41
Nasal index ..... do	83.35	85.00	81.67

[1] 5 feet $3\frac{7}{8}$ inches.
[2] 5 feet $2\frac{5}{8}$ inches.
[3] 5 feet $2\frac{1}{4}$ inches.
[4] 5 feet 4 inches.
[5] 5 feet $6\frac{1}{4}$ inches.
[6] 5 feet $5\frac{3}{8}$ inches.
[7] $32\frac{7}{8}$ inches.
[8] $33\frac{1}{4}$ inches.
[9] $33\frac{1}{8}$ inches.
[10] $128\frac{1}{8}$ pounds.
[11] $117\frac{1}{4}$ pounds.
[12] $114\frac{1}{2}$ pounds.

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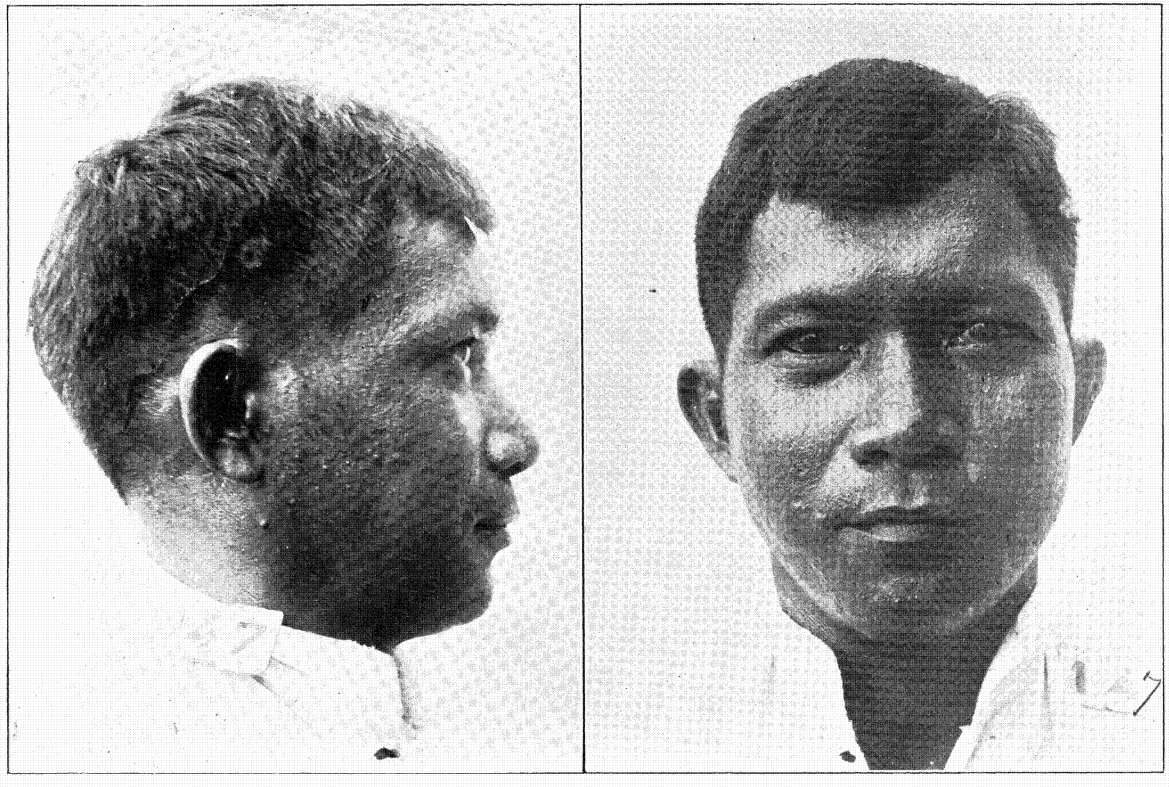

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PLATE 52.

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A VISAYA OF CAPIZ PROVINCE.

[Age, 25. Photo No. 141; Bilibid Prison No., 542 P. Plate 53.]

	1 Visaya.	Averages.	
		27 Visayas.	259 Visayas (of all provinces).
Height, standing ..... meters	[1] 1.543	[2] 1.590	[3] 1.587
Span of arms ..... do	[4] 1.677	[5] 1.683	[6] 1.661
Width of shoulders ..... do	.414	.422	.413
Length of head ..... do	.174	.181	.179
Breadth of head ..... do	.153	.150	.151
Height of nose ..... do	.051	.049	.049
Breadth of nose ..... do	.038	.042	.040
Chest ..... do	[7] .775	[8] .845	[9] .840
Weight ..... kilos	[10] 64.41	[11] 53.20	[12] 51.89
Cephalic index ..... per cent	87.93	83.03	84.41
Nasal index ..... do	74.51	85.00	81.67

[1] 5 feet $\frac{3}{4}$ inches.
[2] 5 feet $2\frac{5}{8}$ inches.
[3] 5 feet $2\frac{1}{2}$ inches.
[4] 5 feet 6 inches.
[5] 5 feet $6\frac{1}{4}$ inches.
[6] 5 feet $5\frac{3}{8}$ inches.
[7] $30\frac{1}{2}$ inches.
[8] $33\frac{1}{4}$ inches.
[9] $33\frac{1}{2}$ inches.
[10] 142 pounds.
[11] $117\frac{1}{4}$ pounds.
[12] $114\frac{1}{2}$ pounds.

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PLATE 53.

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A VISAYA OF CEBU PROVINCE.

[Age, 30. Photo No. 126; Bilibid Prison No., 2067 P. Plate 54.]

		1 Visaya.	Averages.	
			32 Visayas.	259 Visayas (of all provinces).
Height, standing	meters	[1] 1.606	[2] 1.599	[3] 1.587
Span of arms	do	[4] 1.665	[5] 1.666	[6] 1.661
Width of shoulders	do	.417	.405	.413
Length of head	do	.182	.181	.179
Breadth of head	do	.148	.152	.151
Height of nose	do	.056	.048	.049
Breadth of nose	do	.036	.038	.040
Chest	do	[7] .800	[8] .833	[9] .840
Weight	kilos	[10] 49.44	[11] 52.33	[12] 51.89
Cephalic index	per cent	81.31	83.69	84.41
Nasal index	do	64.29	79.64	81.67

[1] 5 feet 3¼ inches.
[2] 5 feet 3 inches.
[3] 5 feet 2½ inches.
[4] 5 feet 5⅛ inches.
[5] 5 feet 5⅜ inches.
[6] 5 feet 5⅜ inches.
[7] 31½ inches.
[8] 32¾ inches.
[9] 33⅛ inches.
[10] 109 pounds.
[11] 115¼ pounds.
[12] 114½ pounds.

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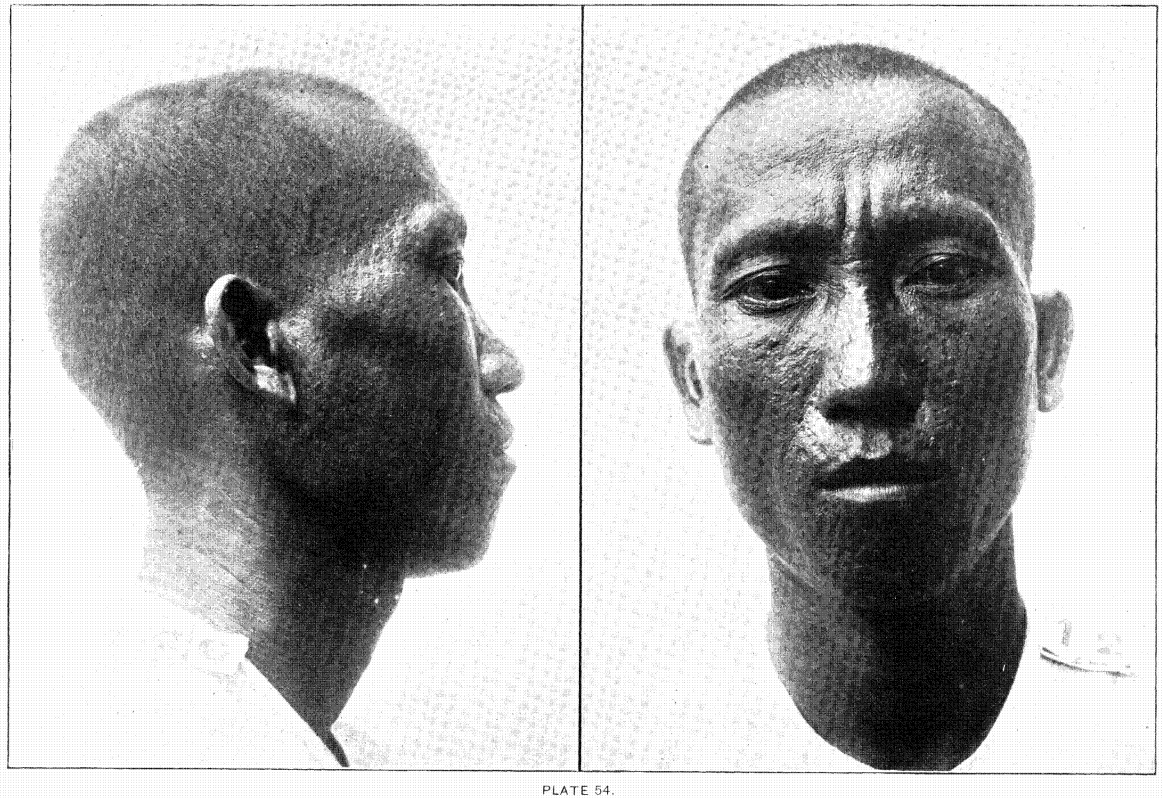

PLATE 54.

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A VISAYA OF CEBU PROVINCE.

[Age, 21. Photo No. 125; Bilibid Prison No., 2066 P. Plate 55.]

		1 Visaya.	Averages.	
			32 Visayas.	259 Visayas (of all provinces).
Height, standing	meters	[1] 1.605	[2] 1.599	[3] 1.587
Span of arms	do	[4] 1.687	[5] 1.666	[6] 1.661
Width of shoulders	do	.422	.405	.413
Length of head	do	.186	.181	.179
Breadth of head	do	.151	.152	.151
Height of nose	do	.045	.048	.049
Breadth of nose	do	.041	.038	.040
Chest	do	[7] .885	[8] .833	[9] .840
Weight	kilos	[10] 59.87	[11] 52.33	[12] 51.89
Cephalic index	per cent	81.18	83.69	84.41
Nasal index	do	91.11	79.64	81.67

[1] 5 feet 3 1/8 inches.
[2] 5 feet 3 inches.
[3] 5 feet 2 1/8 inches.
[4] 5 feet 6 3/8 inches.
[5] 5 feet 5 5/8 inches.
[6] 5 feet 5 3/8 inches.
[7] 34 5/8 inches.
[8] 32 3/4 inches.
[9] 33 1/8 inches.
[10] 132 pounds.
[11] 115 1/4 pounds.
[12] 114 1/8 pounds.

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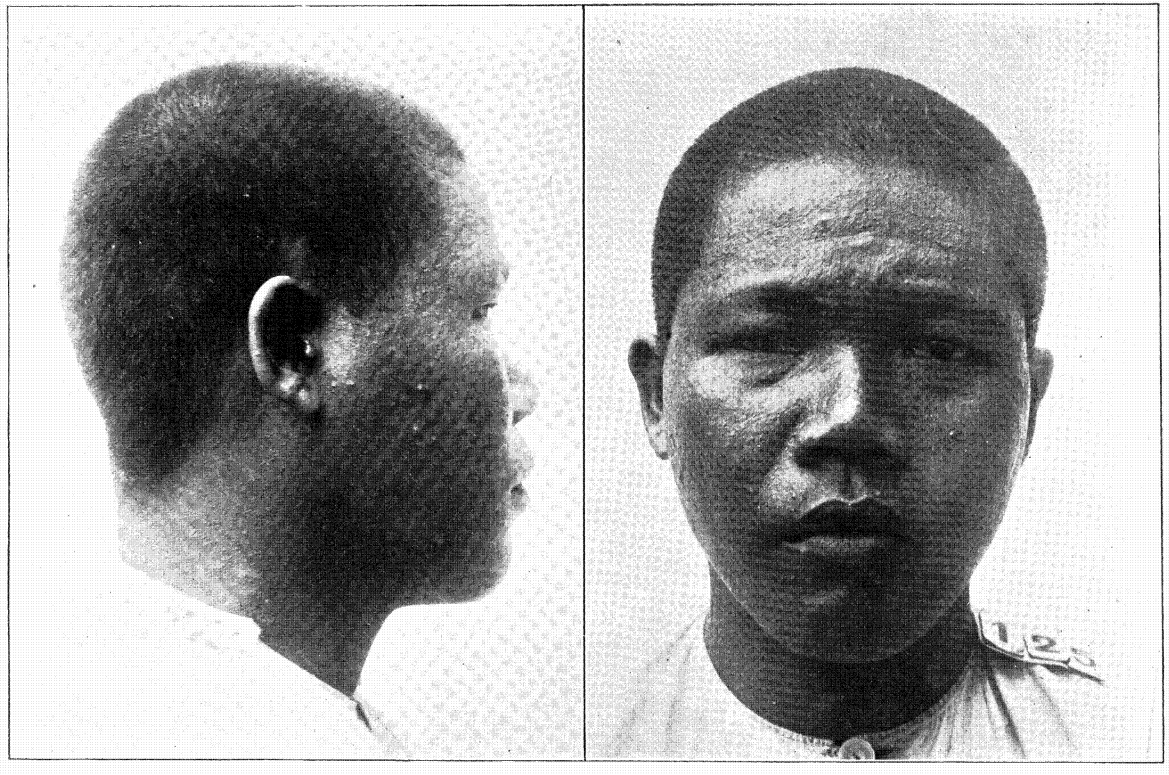

PLATE 55.

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A VISAYA OF ILOILO PROVINCE.

[Age, 31. Photo No. 140; Bilibid Prison No., 2040 P. Plate 56.]

		1 Visaya.	Averages.	
			40 Visayas.	259 Visayas (of all provinces).
Height, standing	meters	[1] 1.485	[2] 1.586	[3] 1.587
Span of arms	do	[4] 1.574	[5] 1.661	[6] 1.661
Width of shoulders	do	.403	.419	.413
Length of head	do	.166	.180	.179
Breadth of head	do	.153	.149	.151
Height of nose	do	.047	.049	.049
Breadth of nose	do	.043	.041	.040
Chest	do	[7] .850	[8] .836	[9] .840
Weight	kilos	[10] 50.92	[11] 51.04	[12] 51.89
Cephalic index	Per cent	92.17	83.07	84.41
Nasal index	do	91.49.	84.14	81.67

[1] 4 feet 10⅛ inches.
[2] 5 feet 2⅝ inches.
[3] 5 feet 2¼ inches.
[4] 5 feet 2 inches.
[5] 5 feet 5⅞ inches.
[6] 5 feet 5⅝ inches.
[7] 32½ inches.
[8] 31⅞ inches.
[9] 33⅛ inches.
[10] 112¼ pounds.
[11] 112½ pounds.
[12] 114⅛ pounds.

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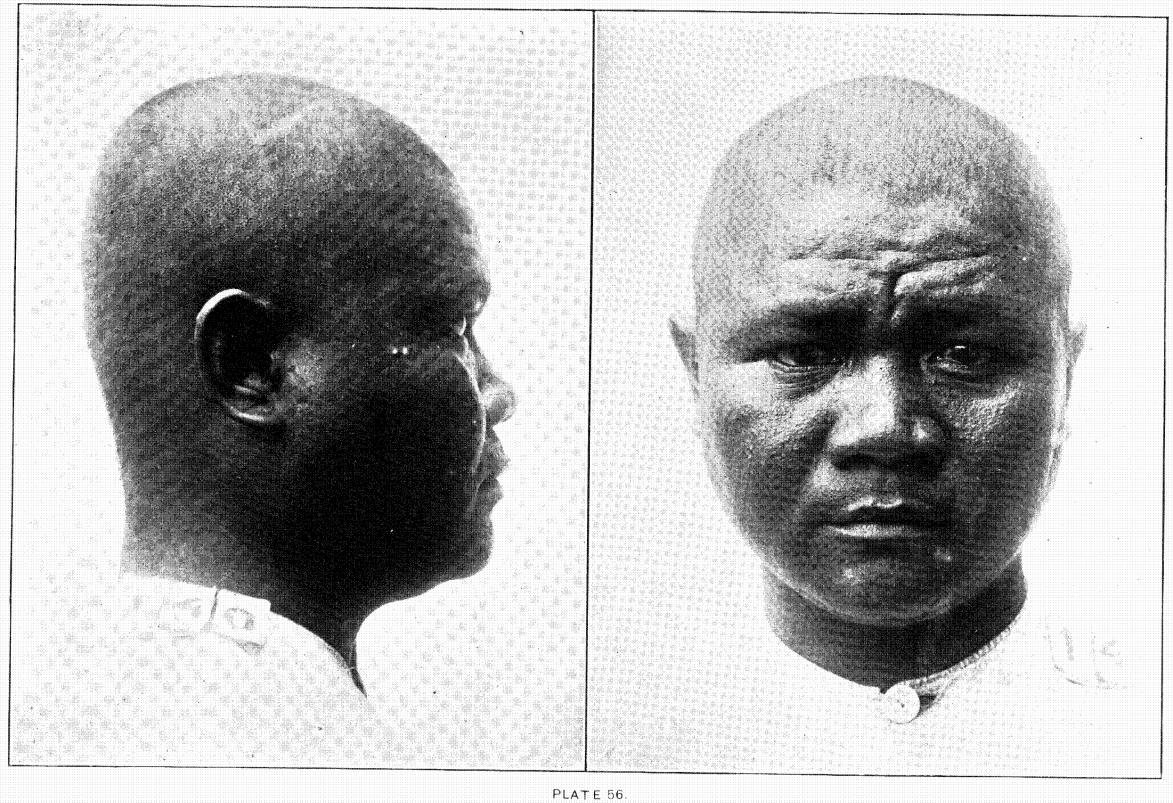

PLATE 56.

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A VISAYA OF ILOILO PROVINCE.

[Age, 38. Photo No. 135; Bilibid Prison No., 1428 P. Plate 57.]

		1 Visaya.	Averages.	
			40 Visayas.	259 Visayas (of all provinces).
Height, standing	meters	[1] 1.660	[2] 1.586	[3] 1.587
Span of arms	do	[4] 1.739	[5] 1.661	[6] 1.661
Width of shoulders	do	.426	.419	.413
Length of head	do	.186	.180	.179
Breadth of head	do	.145	.149	.151
Height of nose	do	.056	.049	.049
Breadth of nose	do	.045	.041	.040
Chest	do	[7] .800	[8] .836	[9] .840
Weight	kilos	[10] 55.11	[11] 51.04	[12] 51.89
Cephalic index	per cent	77.95	83.07	84.41
Nasal index	do	80.36	84.14	81.67

[1] 5 feet 5⅜ inches.
[2] 5 feet 2⅛ inches.
[3] 5 feet 2½ inches.
[4] 5 feet 8½ inches.
[5] 5 feet 5⅜ inches.
[6] 5 feet 5⅜ inches.
[7] 31½ inches.
[8] 32⅞ inches.
[9] 33⅛ inches.
[10] 121¼ pounds.
[11] 112½ pounds.
[12] 114½ pounds.

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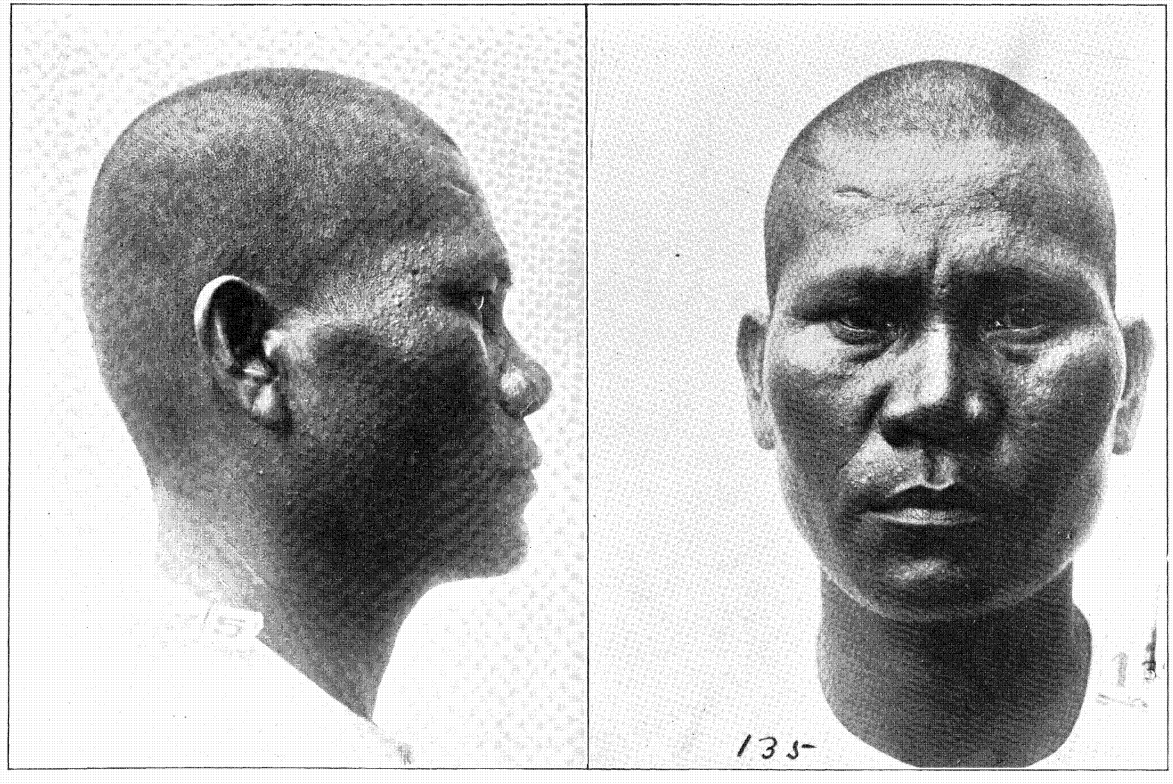

PLATE 57.

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A VISAYA OF LEYTE PROVINCE.

[Age, 23. Photo No. 162; Bilibid Prison No., 2242 P. Plate 58.]

	1 Visaya.	Averages.	
		46 Visayas.	259 Visayas (of all provinces).
Height, standing ..... meters	[1] 1.604	[2] 1.583	[3] 1.587
Span of arms ..... do	[4] 1.693	[5] 1.648	[6] 1.661
Width of shoulders ..... do	.431	.413	.413
Length of head ..... do	.180	.180	.179
Breadth of head ..... do	.150	.152	.151
Height of nose ..... do	.053	.051	.049
Breadth of nose ..... do	.040	.040	.040
Chest ..... do	[7] .876	[8] .833	[9] .840
Weight ..... kilos	[10] 56.81	[11] 51.66	[12] 51.89
Cephalic index ..... per cent	83.33	85.34	84.41
Nasal index ..... do	75.47	78.64	81.67

[1] 5 feet $3\frac{1}{8}$ inches.
[2] 5 feet $2\frac{3}{8}$ inches.
[3] 5 feet $2\frac{1}{8}$ inches.
[4] 5 feet $6\frac{5}{8}$ inches.
[5] 5 feet $4\frac{7}{8}$ inches.
[6] 5 feet $5\frac{3}{8}$ inches.
[7] $34\frac{1}{8}$ inches.
[8] $32\frac{3}{8}$ inches.
[9] $33\frac{1}{8}$ inches.
[10] $125\frac{1}{4}$ pounds.
[11] 114 pounds.
[12] $114\frac{1}{2}$ pounds.

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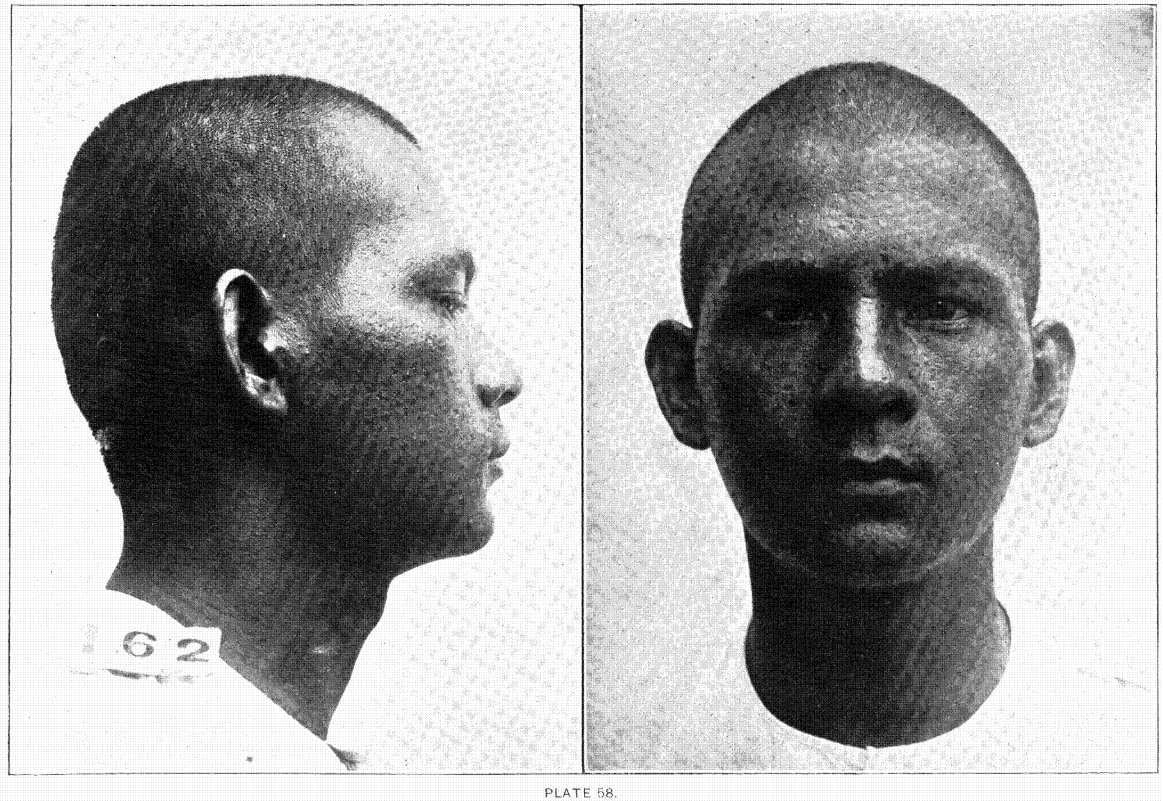

PLATE 58.

Hosted by Google

A VISAYA OF LEYTE PROVINCE.

[Age, 40. Photo No. 165; Bilibid Prison No., 1874 P. Plate 59.]

		1 Visaya.	Averages.	
			46 Visayas.	259 Visayas. (of all provinces).
Height, standing	meters	[1] 1.584	[2] 1.583	[3] 1.587
Span of arms	do	[4] 1.628	[5] 1.648	[6] 1.661
Width of shoulders	do	.419	.413	.413
Length of head	do	.184	.180	.179
Breadth of head	do	.157	.152	.151
Height of nose	do	.055	.051	.049
Breadth of nose	do	.045	.040	.040
Chest	do	[7] .900	[8] .833	[9] .840
Weight	kilos	[10] 61.58	[11] 51.66	[12] 51.89
Cephalic index	per cent	85.32	85.34	84.41
Nasal index	do	81.82	78.64	81.67

[1] 5 feet 2 3/8 inches.
[2] 5 feet 2 3/8 inches.
[3] 5 feet 2 1/8 inches.
[4] 5 feet 4 1/8 inches.
[5] 5 feet 4 7/8 inches.
[6] 5 feet 5 3/8 inches.
[7] 35 3/8 inches.
[8] 32 3/4 inches.
[9] 33 1/8 inches.
[10] 135 3/4 pounds.
[11] 114 pounds.
[12] 114 1/2 pounds.

Hosted by Google

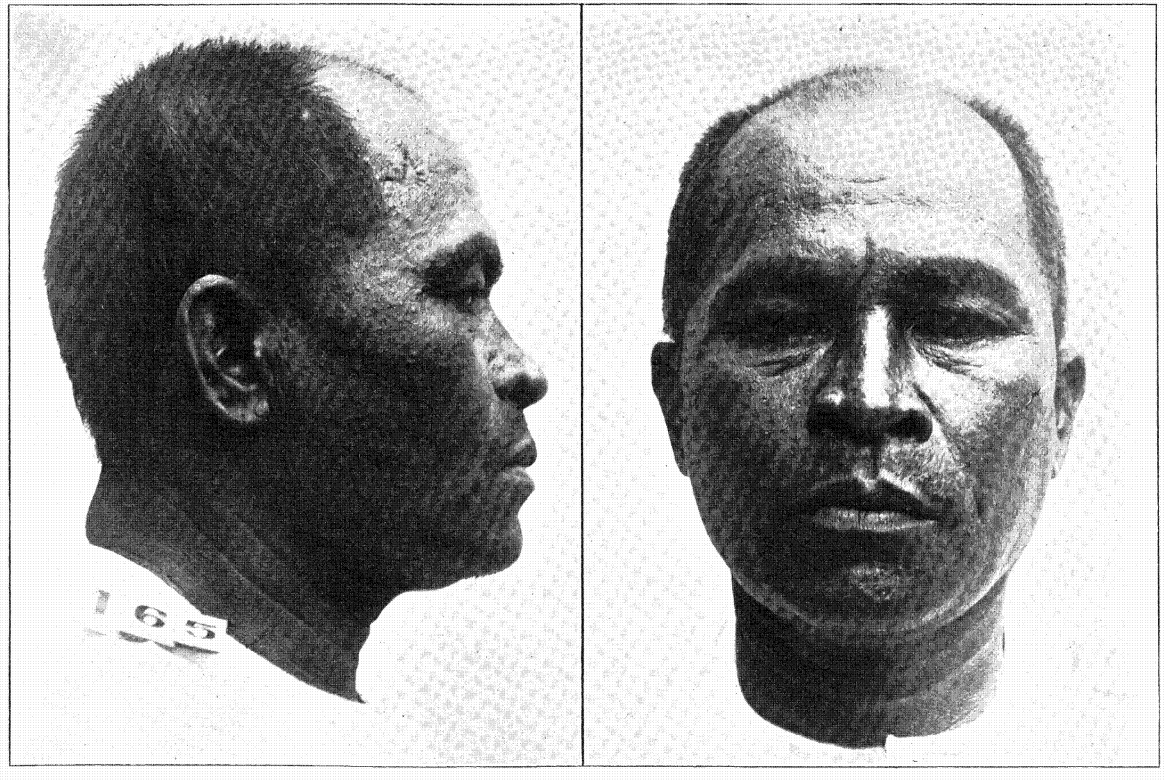

PLATE 59.

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A VISAYA OF MASBATE PROVINCE.

[Age, 20. Photo No. 155; Bilibid Prison No., 1305 P. Plate 60.]

	1 Visaya.	Averages.	
		7 Visayas.	259 Visayas (of all provinces).
Height, standing ..... meters	[1] 1.634	[2] 1.588	[3] 1.587
Span of arms ..... do	[4] 1.673	[5] 1.633	[6] 1.661
Width of shoulders ..... do	.418	.418	.413
Length of head ..... do	.186	.179	.179
Breadth of head ..... do	.154	.154	.151
Height of nose ..... do	.040	.048	.049
Breadth of nose ..... do	.044	.040	.040
Chest ..... do	[7] .830	[8] .853	[9] .840
Weight ..... kilos	[10] 53.07	[11] 53.33	[12] 51.89
Cephalic index ..... per cent	82.74	86.32	84.41
Nasal index ..... do	110.00	84.40	81.67

[1] 5 feet $4\frac{3}{8}$ inches.
[2] 5 feet $2\frac{1}{8}$ inches.
[3] 5 feet $2\frac{1}{8}$ inches.
[4] 5 feet $5\frac{7}{8}$ inches.
[5] 5 feet $4\frac{1}{4}$ inches.
[6] 5 feet $5\frac{3}{8}$ inches.
[7] $32\frac{5}{8}$ inches.
[8] $33\frac{5}{8}$ inches.
[9] $33\frac{1}{8}$ inches.
[10] 117 pounds.
[11] $117\frac{1}{8}$ pounds.
[12] $114\frac{1}{8}$ pounds.

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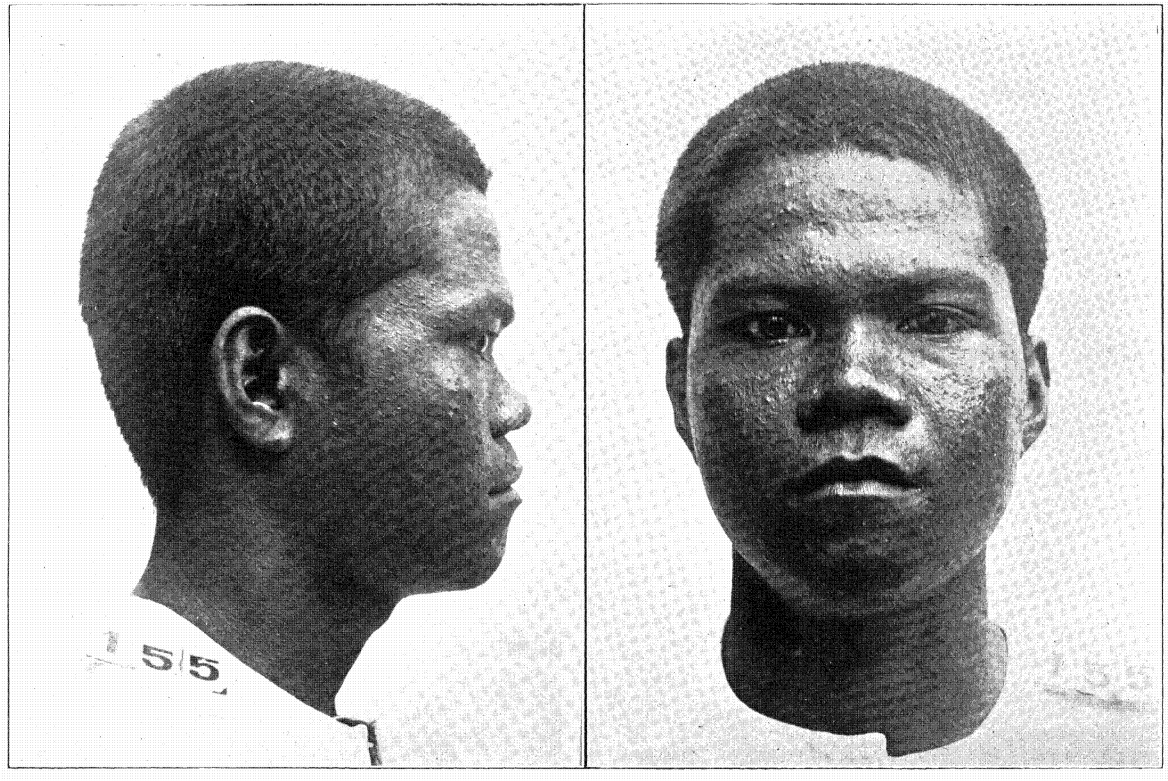

11211-9

PLATE 60.

Hosted by Google

A VISAYA OF MISAMIS PROVINCE.

[Age, 24. Photo No. 204: Bilibid Prison No., 2847 P. Plate 61.]

		1 Visaya.	Averages.	
			11 Visayas.	259 Visayas (of all provinces).
Height, standing	meters	[1] 1.575	[2] 1.612	[3] 1.587
Span of arms	do	[4] 1.689	[5] 1.692	[6] 1.661
Width of shoulders	do	.423	.426	.413
Length of head	do	.173	.179	.179
Breadth of head	do	.153	.153	.151
Height of nose	do	.050	.051	.049
Breadth of nose	do	.038	.042	.040
Chest	do	[7] .865	[8] .880	[9] .840
Weight	kilos	[10] 50.24	[11] 56.31	[12] 51.89
Cephalic index	per cent	88.44	85.46	84.41
Nasal index	do	76.00	82.62	81.67

[1] 5 feet 2 inches.
[2] 5 feet 3¼ inches.
[3] 5 feet 2⅛ inches.
[4] 5 feet 6½ inches.
[5] 5 feet 6⅝ inches.
[6] 5 feet 5⅜ inches.
[7] 34 inches.
[8] 34⅝ inches.
[9] 33⅛ inches.
[10] 110¾ pounds.
[11] 124¼ pounds.
[12] 114½ pounds.

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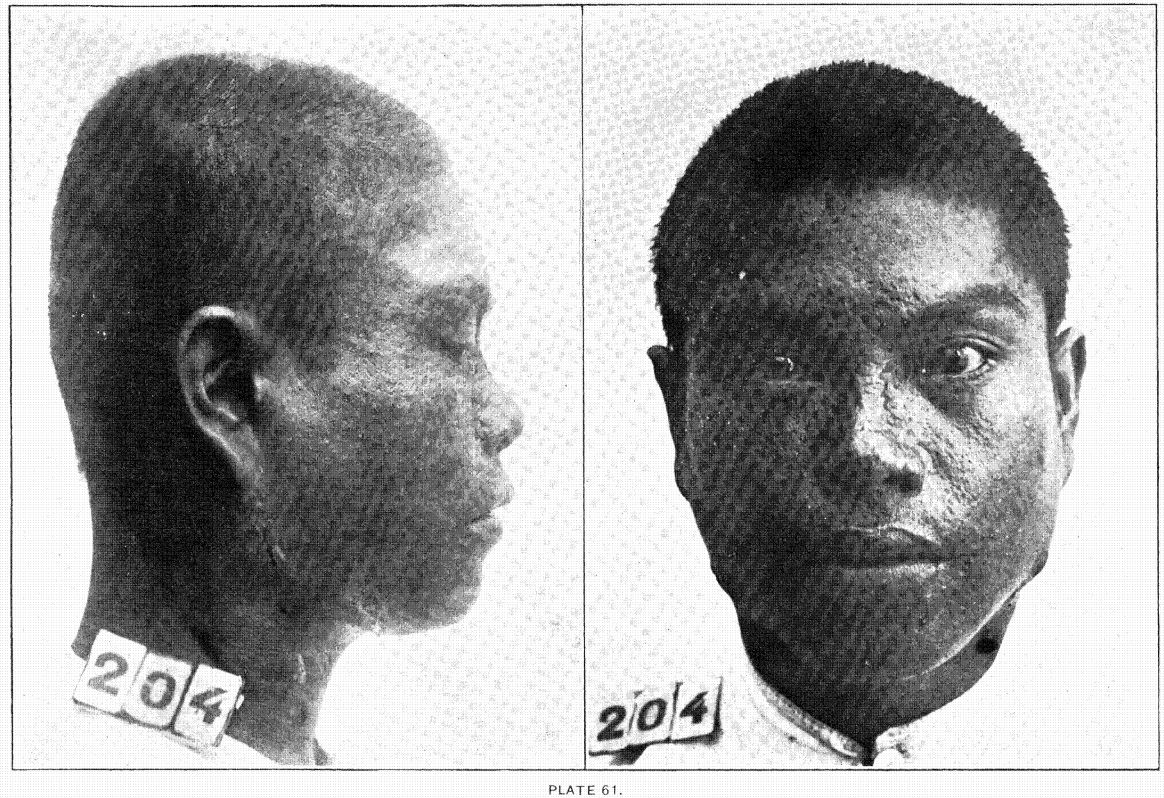

PLATE 61.

Hosted by Google

A VISAYA OF OCCIDENTAL NEGROS PROVINCE.

[Age, 35. Photo No. 133; Bilibid Prison No., 52 P. Plate 62.]

		1 Visaya.	Averages.	
			10 Visayas.	259 Visayas (of all provinces).
Height, standing	meters	[1] 1.570	[2] 1.554	[3] 1.587
Span of arms	do	[4] 1.599	[5] 1.618	[6] 1.661
Width of shoulders	do	.447	.406	.413
Length of head	do	.185	.182	.179
Breadth of head	do	.159	.150	.151
Height of nose	do	.056	.050	.049
Breadth of nose	do	.045	.041	.040
Chest	do	[7] .930	[8] .852	[9] .840
Weight	kilos	[10] 64.86	[11] 49.04	[12] 51.89
Cephalic index	per cent	85.95	82.74	84.41
Nasal index	do	80.36	81.93	81.67

[1] 5 feet $1\frac{7}{8}$ inches.
[2] 5 feet $1\frac{1}{8}$ inches.
[3] 5 feet $2\frac{1}{4}$ inches.
[4] 5 feet $2\frac{7}{8}$ inches.
[5] 5 feet $3\frac{3}{4}$ inches.
[6] 5 feet $5\frac{3}{8}$ inches.
[7] $36\frac{5}{8}$ inches.
[8] $33\frac{1}{4}$ inches.
[9] $33\frac{1}{8}$ inches.
[10] 143 pounds.
[11] $108\frac{1}{4}$ pounds.
[12] $114\frac{1}{4}$ pounds.

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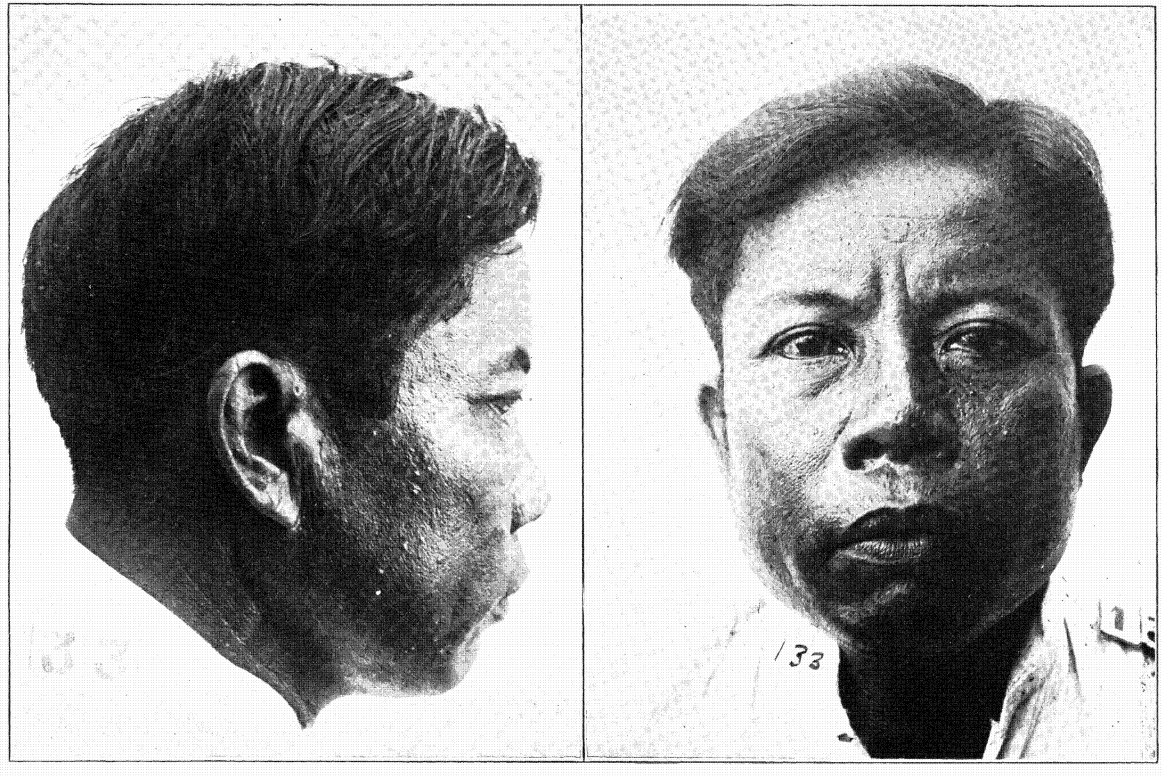

PLATE 62.

Hosted by Google

A VISAYA OF ORIENTAL NEGROS PROVINCE.

[Age, 35. Photo No. 295; Bilibid Prison No., 2833 P. Plate 63.]

		1 Visaya.	Averages.	
			15 Visayas.	259 Visayas (of all provinces).
Height, standing	meters	[1] 1.625	[2] 1.607	[3] 1.587
Span of arms	do	[4] 1.727	[5] 1.681	[6] 1.661
Width of shoulders	do	.428	.425	.413
Length of head	do	.186	.180	.179
Breadth of head	do	.142	.153	.151
Height of nose	do	.054	.051	.049
Breadth of nose	do	.041	.041	.040
Chest	do	[7] .850	[8] .884	[9] .840
Weight	kilos	[10] 53.07	[11] 56.53	[12] 51.89
Cephalic index	per cent	76.344	84.96	84.41
Nasal index	do	75.925	80.90	81.67

[1] 5 feet 4 inches.
[2] 5 feet 3¼ inches.
[3] 5 feet 2⅛ inches.
[4] 5 feet 8 inches.
[5] 5 feet 6⅛ inches.
[6] 5 feet 5⅜ inches.
[7] 33⅛ inches.
[8] 34¾ inches.
[9] 33⅛ inches.
[10] 117 pounds.
[11] 124¾ pounds.
[12] 114¼ pounds.

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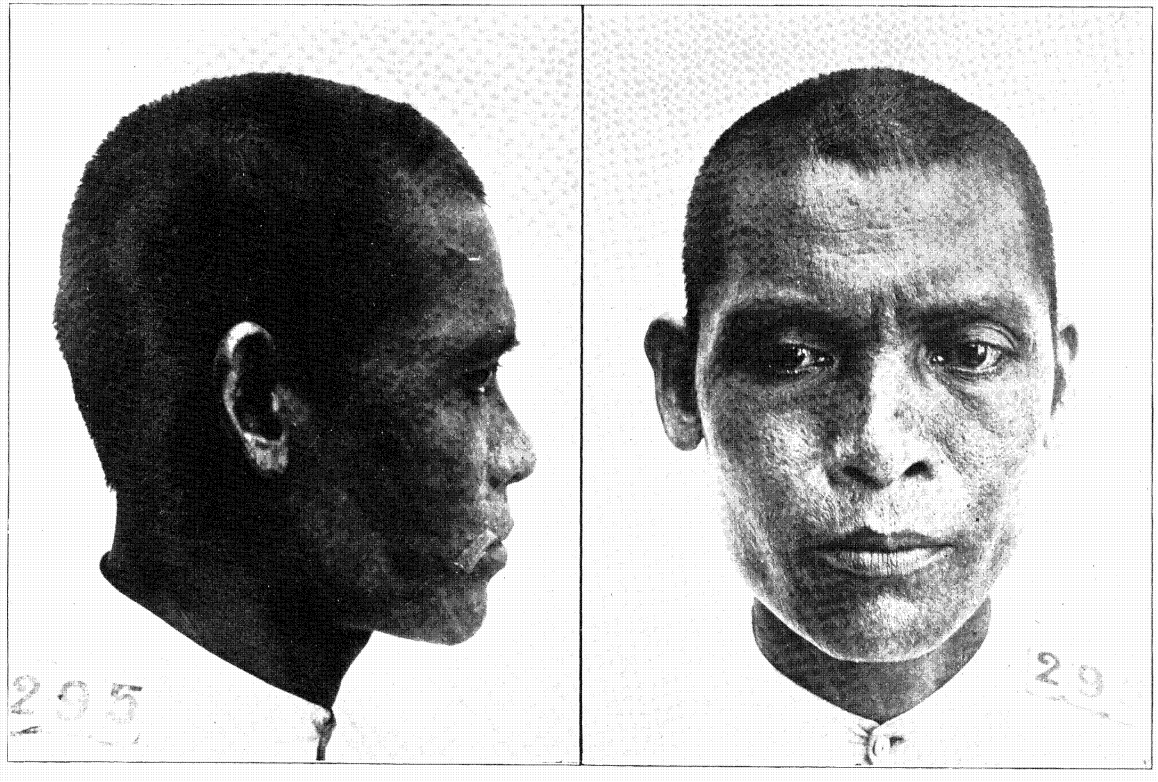

PLATE 63.

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A VISAYA OF ORIENTAL NEGROS PROVINCE.

[Age, 32. Photo No. 296; Bilibid Prison No., 2817 P. Plate 64.]

		1 Visaya.	Averages.	
			15 Visayas.	259 Visayas (of all provinces).
Height, standing	meters	[1] 1.614	[2] 1.607	[3] 1.587
Span of arms	do	[4] 1.670	[5] 1.681	[6] 1.661
Width of shoulders	do	.409	.425	.413
Length of head	do	.187	.180	.179
Breadth of head	do	.163	.153	.151
Height of nose	do	.054	.051	.049
Breadth of nose	do	.042	.041	.040
Chest	do	[7] .855	[8] .884	[9] .840
Weight	kilos	[10] 57.26	[11] 56.53	[12] 51.89
Cephalic index	per cent	87.166	84.96	84.41
Nasal index	do	77.777	80.90	81.67

[1] 5 feet $3\frac{5}{8}$ inches.
[2] 5 feet $3\frac{1}{4}$ inches.
[3] 5 feet $2\frac{5}{8}$ inches.
[4] 5 feet $5\frac{3}{4}$ inches.
[5] 5 feet $6\frac{1}{8}$ inches.
[6] 5 feet $5\frac{3}{8}$ inches.
[7] $33\frac{3}{4}$ inches.
[8] $34\frac{3}{8}$ inches.
[9] $33\frac{1}{8}$ inches.
[10] $126\frac{1}{4}$ pounds.
[11] $124\frac{3}{8}$ pounds.
[12] $114\frac{1}{8}$ pounds.

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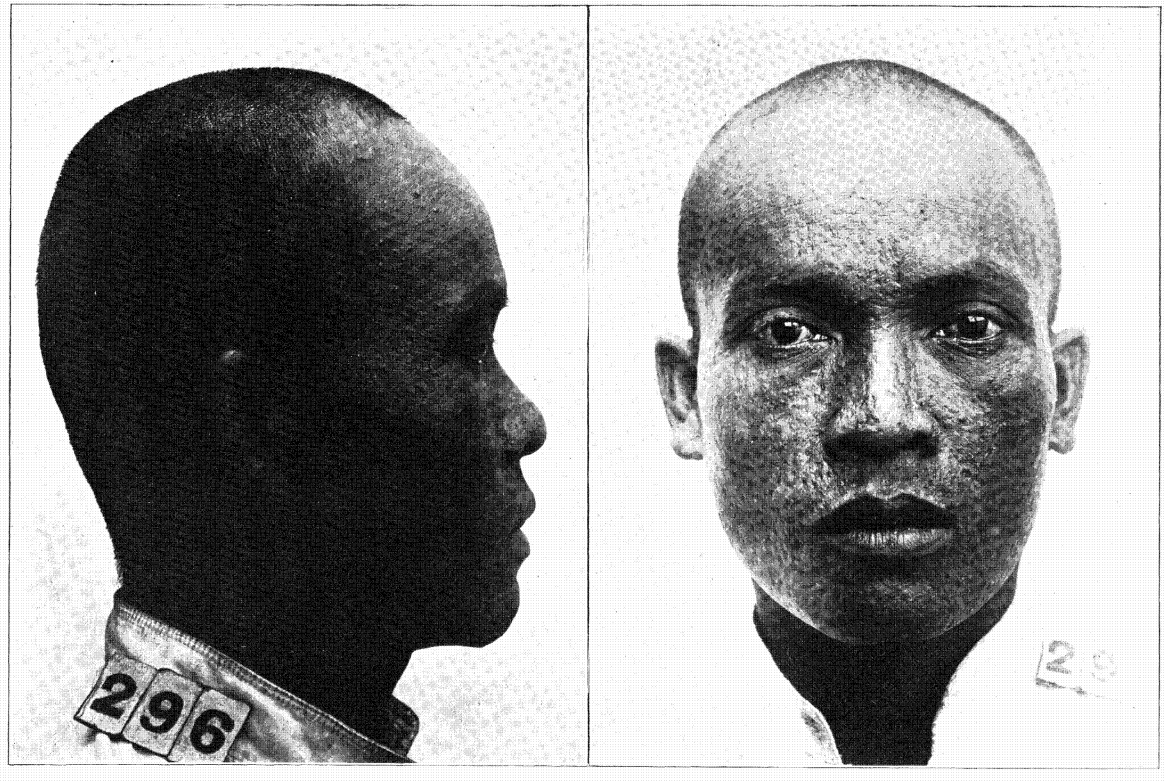

PLATE 64.

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A VISAYA OF ROMBLON ISLAND.

[Age, 28. Photo No. 154: Bilibid Prison No., 1576 C. Plate 65.]

	1 Visaya.	Averages.	
		3 Visayas.	259 Visayas (of all provinces).
Height, standing ..... meters	[1] 1.580	[2] 1.622	[3] 1.587
Span of arms ..... do	[4] 1.626	[5] 1.706	[6] 1.661
Width of shoulders ..... do	.398	.429	.413
Length of head ..... do	.183	.180	.179
Breadth of head ..... do	.143	.146	.151
Height of nose ..... do	.058	.053	.049
Breadth of nose ..... do	.040	.040	.040
Chest ..... do	[7] .825	[8] .883	[9] .840
Weight ..... kilos	[10] 49.21	[11] 56.62	[12] 51.89
Cephalic index ..... per cent	78.14	80.96	84.41
Nasal index ..... do	65.97	75.00	81.67

[1] 5 feet $2\frac{1}{4}$ inches.
[2] 5 feet $3\frac{2}{8}$ inches.
[3] 5 feet $2\frac{1}{8}$ inches.
[4] 5 feet 4 inches.
[5] 5 feet $7\frac{1}{8}$ inches.
[6] 5 feet $5\frac{3}{8}$ inches.
[7] $32\frac{1}{8}$ inches.
[8] $34\frac{3}{4}$ inches.
[9] $33\frac{1}{8}$ inches.
[10] $108\frac{1}{8}$ pounds.
[11] $124\frac{3}{4}$ pounds.
[12] $114\frac{1}{8}$ pounds.

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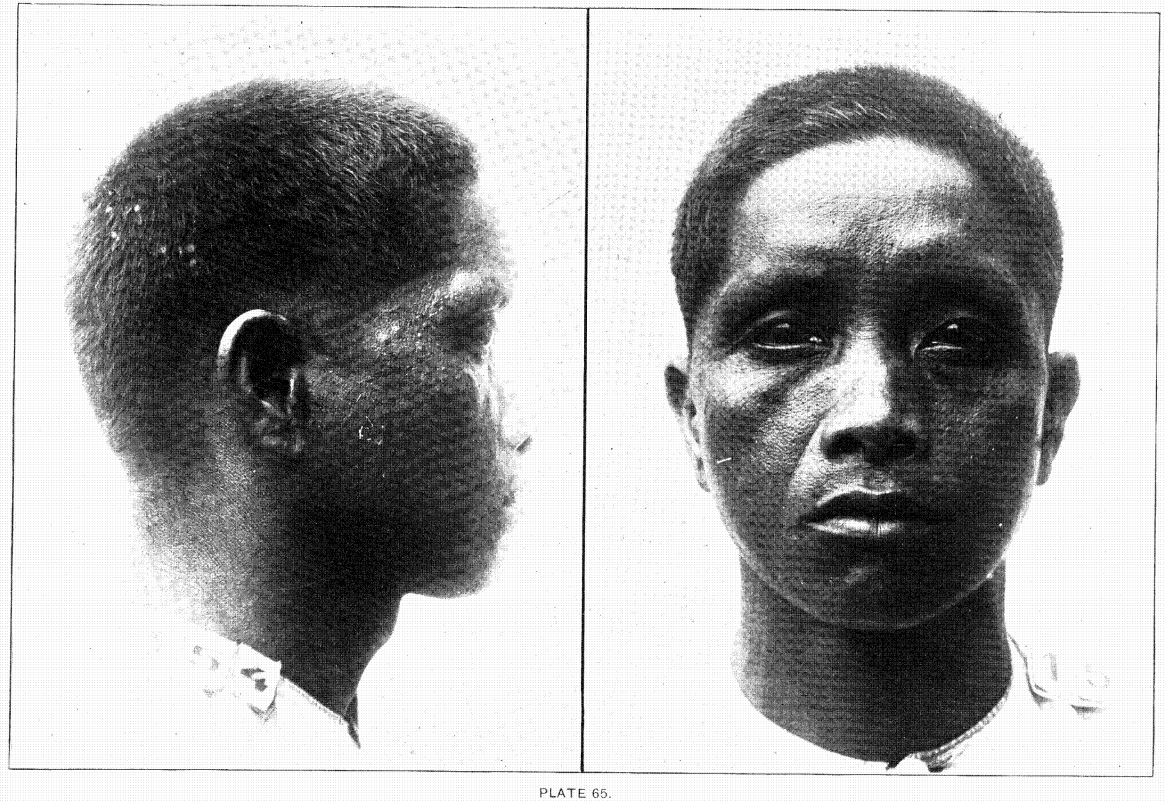

PLATE 65.

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A VISAYA OF ROMBLON ISLAND.

[Age, 28. Photo No. 81; Bilibid Prison No., 659 C. Plate 66.]

		1 Visaya.	Averages.	
			3 Visayas.	259 Visayas (of all provinces).
Height, standing	meters	[1] 1.667	[2] 1.622	[3] 1.587
Span of arms	do	[4] 1.748	[5] 1.706	[6] 1.661
Width of shoulders	do	.435	.429	.413
Length of head	do	.180	.180	.179
Breadth of head	do	.149	.146	.151
Height of nose	do	.053	.053	.049
Breadth of nose	do	.040	.040	.040
Chest	do	[7] .885	[8] .883	[9] .840
Weight	kilos	[10] 60.10	[11] 56.62	[12] 51.89
Cephalic index	per cent	82.77	80.96	84.41
Nasal index	do	75.47	75.00	81.67

[1] 5 feet 5⅝ inches.
[2] 5 feet 3⅞ inches.
[3] 5 feet 2¼ inches.
[4] 5 feet 8¾ inches.
[5] 5 feet 7⅛ inches.
[6] 5 feet 5⅜ inches.
[7] 34¾ inches.
[8] 34¾ inches.
[9] 33⅛ inches.
[10] 132¼ pounds.
[11] 124¾ pounds.
[12] 114¼ pounds.

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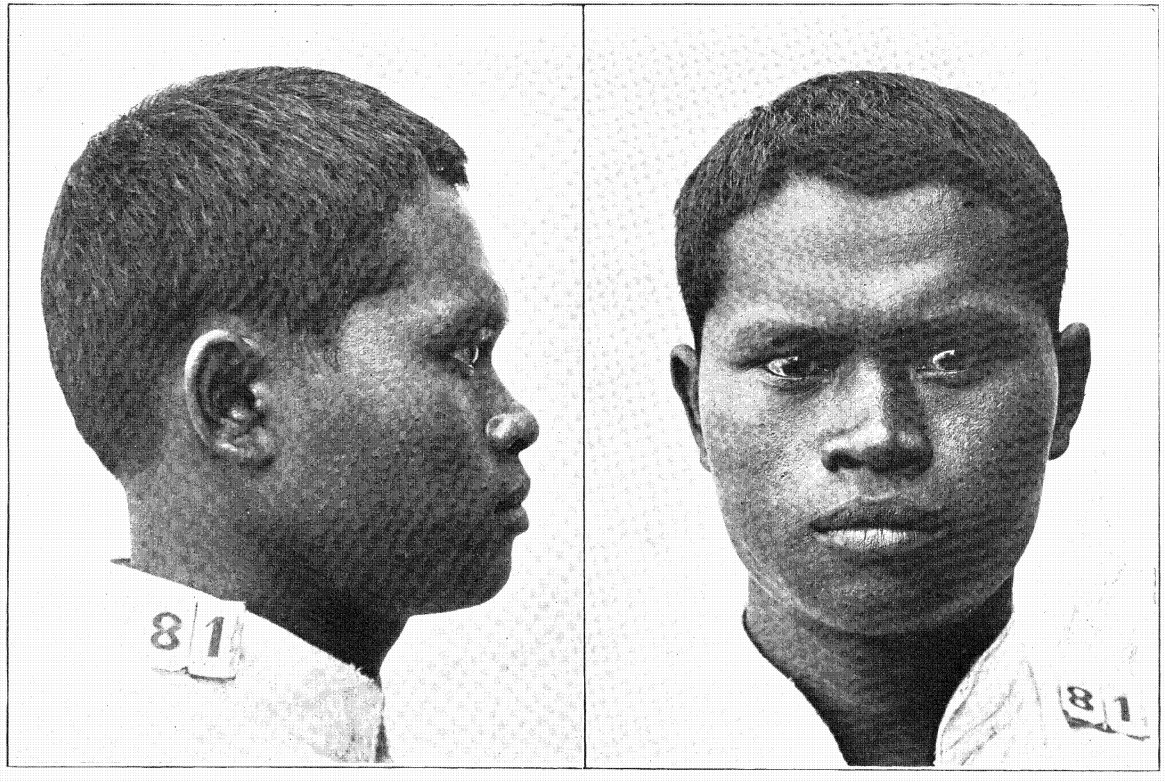

PLATE 66.

Hosted by Google

A VISAYA OF SAMAR PROVINCE.

[Age, 22. Photo No. 128; Bilibid Prison No., 2146 P. Plate 67.]

	1 Visaya.	Averages.	
		31 Visayas.	259 Visayas (of all provinces).
Height, standing ..... meters	[1] 1.539	[2] 1.558	[3] 1.587
Span of arms ..... do	[4] 1.623	[5] 1.639	[6] 1.661
Width of shoulders ..... do	.414	.407	.413
Length of head ..... do	.175	.176	.179
Breadth of head ..... do	.151	.150	.151
Height of nose ..... do	.045	.048	.049
Breadth of nose ..... do	.040	.040	.040
Chest ..... do	[7] .825	[8] .828	[9] .840
Weight ..... kilos	[10] 51.37	[11] 49.79	[12] 51.89
Cephalic index ..... per cent	86.29	85.48	84.41
Nasal index ..... do	88.89	81.90	81.67

[1] 5 feet $\frac{5}{8}$ inch.
[2] 5 feet $1\frac{3}{8}$ inches.
[3] 5 feet $2\frac{1}{8}$ inches.
[4] 5 feet $3\frac{7}{8}$ inches.
[5] 5 feet $4\frac{1}{8}$ inches.
[6] 5 feet $5\frac{3}{8}$ inches.
[7] $32\frac{1}{8}$ inches.
[8] $32\frac{5}{8}$ inches.
[9] $33\frac{1}{8}$ inches.
[10] $113\frac{1}{4}$ pounds.
[11] $109\frac{3}{4}$ pounds.
[12] $114\frac{1}{8}$ pounds.

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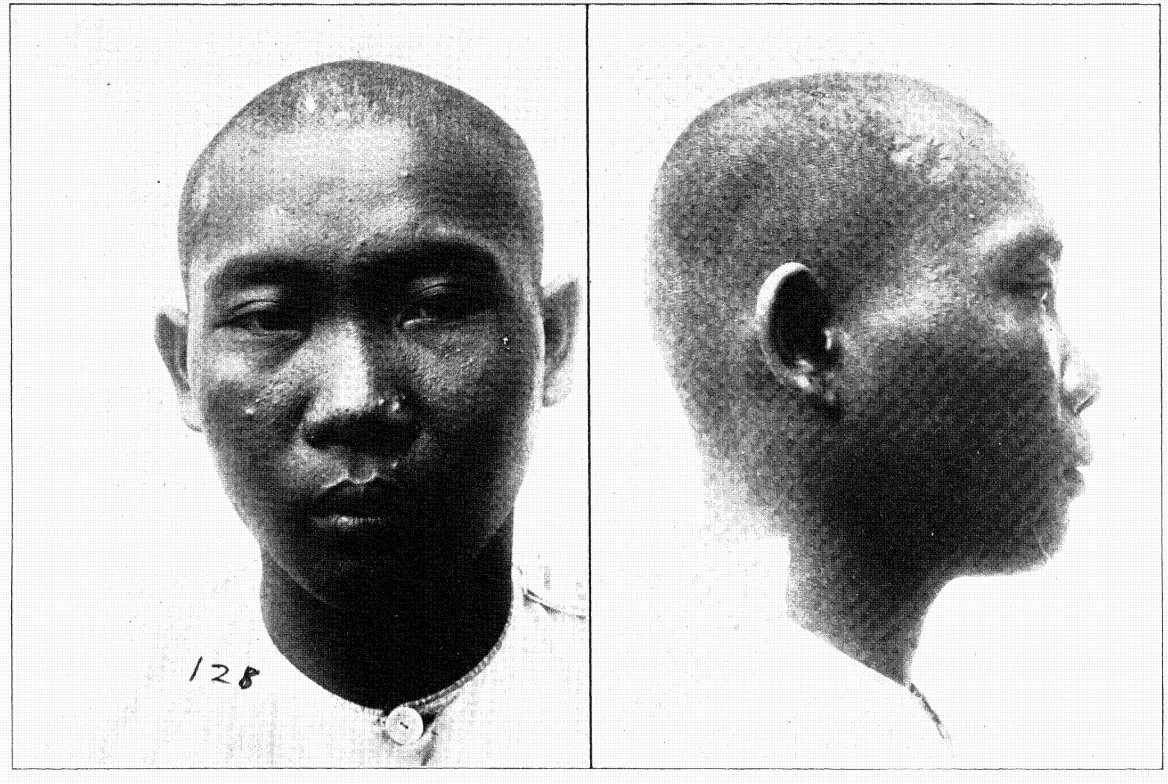

PLATE 67.

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A VISAYA OF SAMAR PROVINCE.

[Age, 30. Photo No. 129; Bilibid Prison No., 138 P. Plate 68.]

		1 Visaya.	Averages.	
			31 Visayas.	259 Visayas (of all provinces).
Height, standing	meters	[1] 1.559	[2] 1.558	[3] 1.587
Span of arms	do	[4] 1.668	[5] 1.639	[6] 1.661
Width of shoulders	do	.422	.407	.413
Length of head	do	.182	.176	.179
Breadth of head	do	.147	.150	.151
Height of nose	do	.044	.048	.049
Breadth of nose	do	.040	.040	.040
Chest	do	[7] .835	[8] .828	[9] .840
Weight	kilos	[10] 51.14	[11] 49.79	[12] 51.89
Cephalic index	per cent	80.77	85.42	84.41
Nasal index	do	90.91	81.90	81.67

[1] 5 feet $1\frac{3}{8}$ inches.
[2] 5 feet $1\frac{3}{8}$ inches.
[3] 5 feet $2\frac{1}{2}$ inches.
[4] 5 feet $5\frac{3}{8}$ inches.
[5] 5 feet $4\frac{1}{4}$ inches.
[6] 5 feet $5\frac{3}{8}$ inches.
[7] $32\frac{7}{8}$ inches.
[8] $32\frac{5}{8}$ inches.
[9] $33\frac{1}{8}$ inches.
[10] $112\frac{3}{4}$ pounds.
[11] $109\frac{3}{4}$ pounds.
[12] $114\frac{1}{2}$ pounds.

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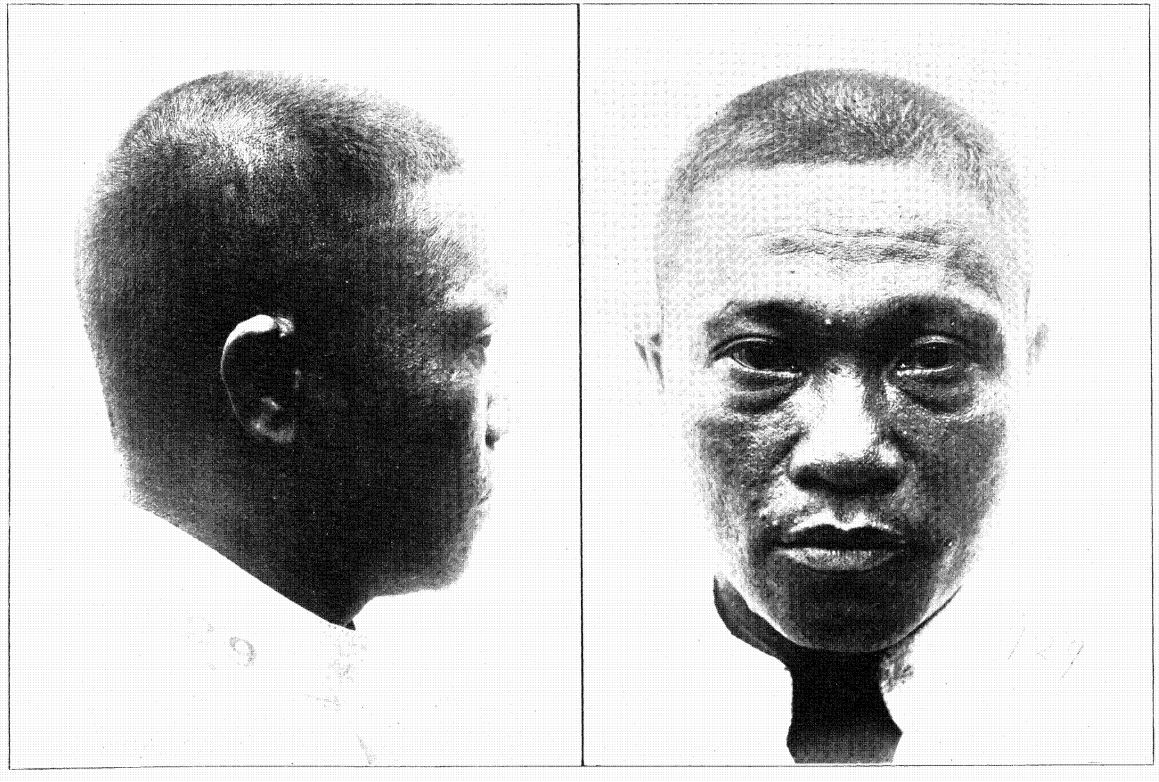

11244-10

PLATE 68.

Hosted by Google

A VISAYA OF SAMAR PROVINCE.

[Age, 31. Photo No. 130; Bilibid Prison No., 2147 P. Plate 69.]

	1 Visaya.	Averages.	
		31 Visayas.	259 Visayas (of all provinces).
Height, standing ..... meters	[1] 1.554	[2] 1.558	[3] 1.587
Span of arms ..... do	[4] 1.629	[5] 1.639	[6] 1.661
Width of shoulders ..... do	.402	.407	.413
Length of head ..... do	.177	.176	.179
Breadth of head ..... do	.153	.150	.151
Height of nose ..... do	.042	.048	.049
Breadth of nose ..... do	.040	.040	.040
Chest ..... do	[7] .828	[8] .828	[9] .840
Weight ..... kilos	[10] 48.79	[11] 49.79	[12] 51.89
Cephalic index ..... per cent	86.44	85.42	84.41
Nasal index ..... do	95.24	81.90	81.67

[1] 5 feet $1\frac{1}{4}$ inches.
[2] 5 feet $1\frac{3}{8}$ inches.
[3] 5 feet $2\frac{1}{2}$ inches.
[4] 5 feet $4\frac{1}{8}$ inches.
[5] 5 feet $4\frac{1}{4}$ inches.
[6] 5 feet $5\frac{3}{8}$ inches.
[7] $32\frac{7}{8}$ inches.
[8] $32\frac{5}{8}$ inches.
[9] $33\frac{1}{8}$ inches.
[10] $106\frac{1}{4}$ pounds.
[11] $109\frac{3}{4}$ pounds.
[12] $114\frac{1}{2}$ pounds.

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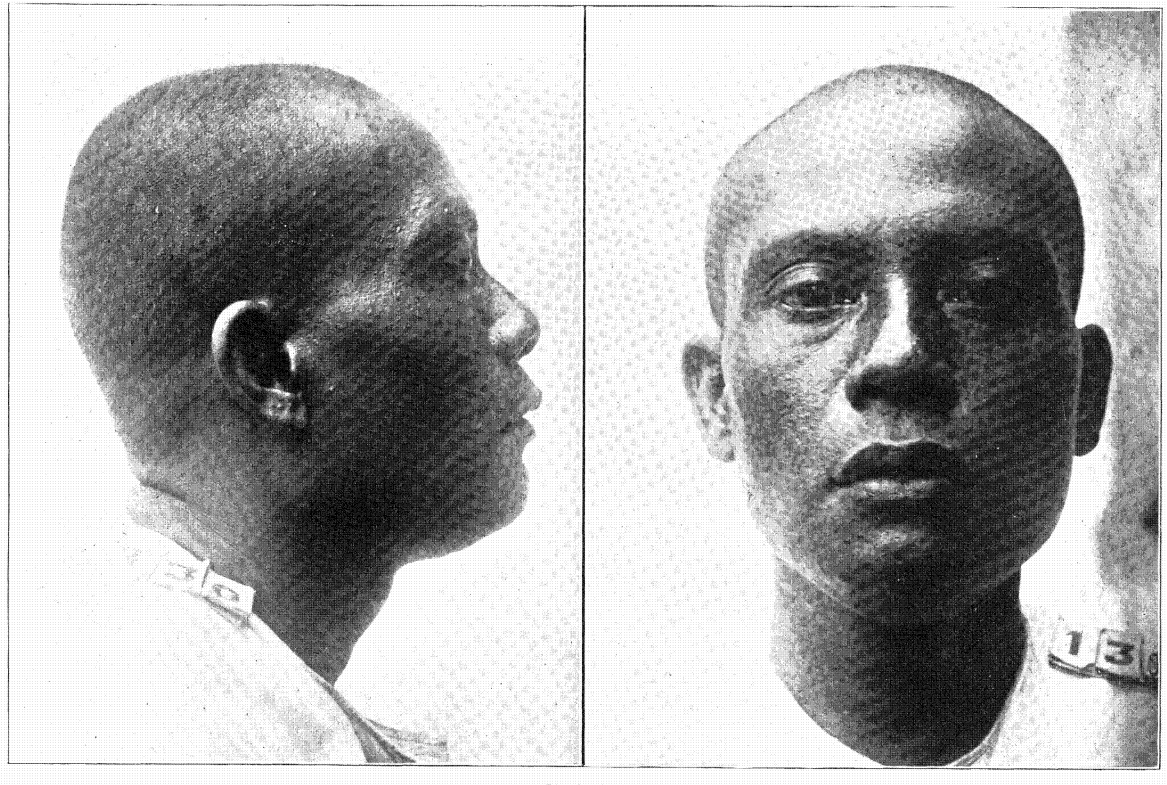

PLATE 69.

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A VISAYA OF SURIGAO PROVINCE.

[Age, 20. Photo No. 209; Bilibid Prison No., 2643 P. Plate 70.]

	1 Visaya.	Averages.	
		21 Visayas.	259 Visayas (of all provinces).
Height, standing ..... meters	[1] 1.495	[2] 1.594	[3] 1.587
Span of arms ..... do	[4] 1.550	[5] 1.660	[6] 1.661
Width of shoulders ..... do	.404	.405	.413
Length of head ..... do	.179	.178	.179
Breadth of head ..... do	.153	.152	.151
Height of nose ..... do	.044	.049	.049
Breadth of nose ..... do	.043	.041	.040
Chest ..... do	[7] .845	[8] .828	[9] .840
Weight ..... kilos	[10] 46.95	[11] 48.20	[12] 51.89
Cephalic index ..... per cent	85.48	85.84	84.41
Nasal index ..... do	97.73	83.32	81.67

[1] 4 feet $10\frac{5}{8}$ inches.
[2] 5 feet $2\frac{3}{4}$ inches.
[3] 5 feet $2\frac{1}{8}$ inches.
[4] 5 feet 1 inch.
[5] 5 feet $5\frac{3}{8}$ inches.
[6] 5 feet $5\frac{3}{8}$ inches.
[7] $33\frac{1}{4}$ inches.
[8] $32\frac{5}{8}$ inches.
[9] $33\frac{1}{8}$ inches.
[10] $103\frac{1}{8}$ pounds.
[11] $106\frac{1}{4}$ pounds.
[12] $114\frac{1}{8}$ pounds.

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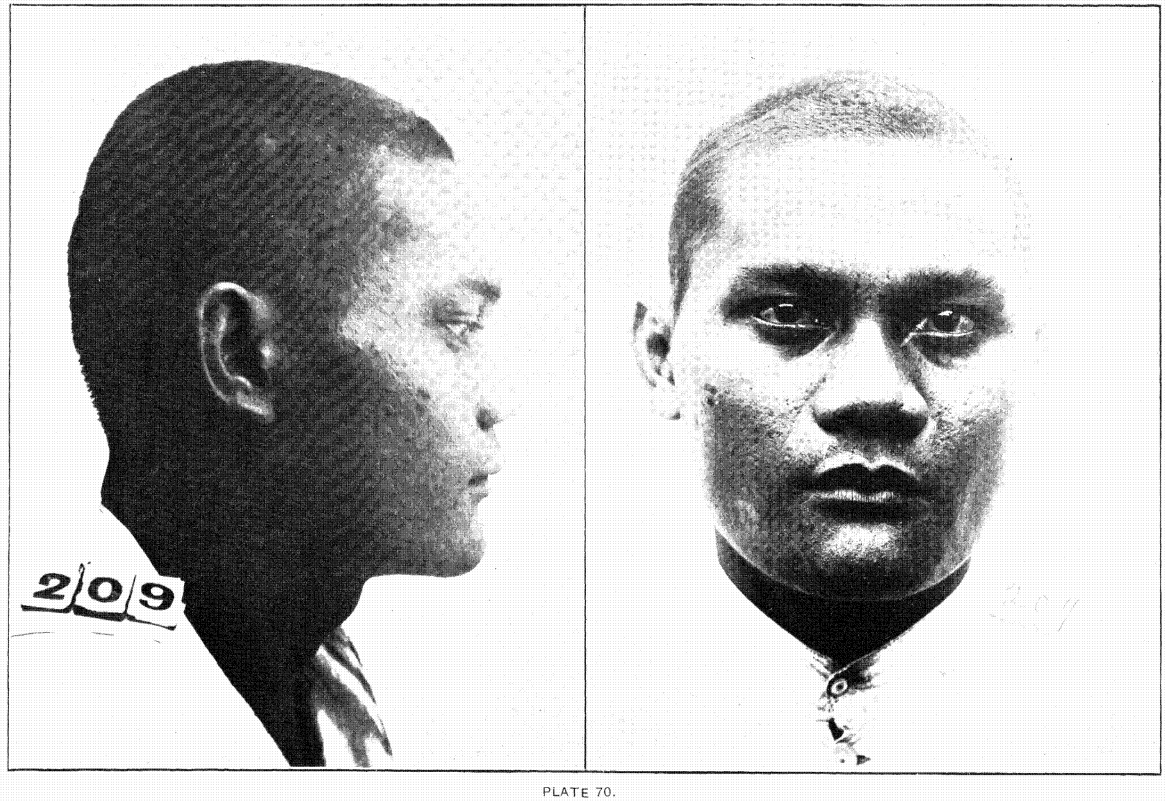

PLATE 70.

Hosted by Google

A VISAYA OF SURIGAO PROVINCE.

[Age, 21. Photo No. 206; Bilibid Prison No., 2666 P. Plate 71.]

		1 Visaya.	Averages.	
			21 Visayas.	259 Visayas (of all provinces).
Height, standing	meters	[1] 1.721	[2] 1.594	[3] 1.587
Span of arms	do	[4] 1.839	[5] 1.660	[6] 1.661
Width of shoulders	do	.442	.405	.413
Length of head	do	.184	.178	.179
Breadth of head	do	.162	.152	.151
Height of nose	do	.054	.049	.049
Breadth of nose	do	.041	.041	.040
Chest	do	[7] .873	[8] .828	[9] .840
Weight	kilos	[10] 59.19	[11] 48.20	[12] 51.89
Cephalic index	per cent	88.04	85.84	84.41
Nasal index	do	75.93	83.32	81.67

[1] 5 feet 7¾ inches.
[2] 5 feet 2¾ inches.
[3] 5 feet 2½ inches.
[4] 6 feet ⅜ inch.
[5] 5 feet 5⅜ inches.
[6] 5 feet 5⅜ inches.
[7] 34⅜ inches.
[8] 32⅝ inches.
[9] 33⅛ inches.
[10] 130½ pounds.
[11] 106¼ pounds.
[12] 114½ pounds.

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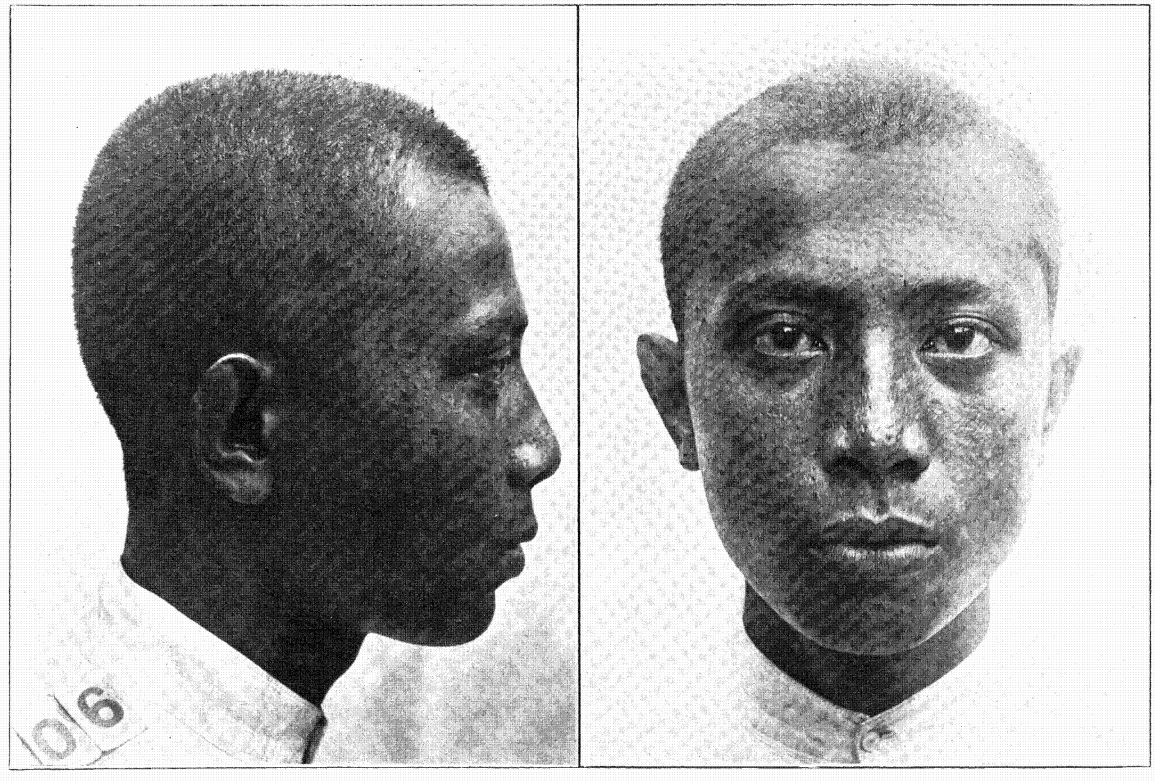

PLATE 71.

Hosted by Google

A ZAMBAL OF ZAMBALES PROVINCE.

[Age, 30. Photo No. 220; Bilibid Prison No., 1674 P. Plate 72.]

		1 Zambal.	Averages of 17 Zambales.
Height, standing	meters	[1] 1.609	[2] 1.607
Span of arms	do	[3] 1.651	[4] 1.673
Width of shoulders	do	.420	.414
Length of head	do	.177	.179
Breadth of head	do	.151	.148
Height of nose	do	.048	.051
Breadth of nose	do	.039	.041
Chest	do	[5] .860	[6] .858
Weight	kilos	[7] 52.73	[8] 54.95
Cephalic index	per cent	85.31	82.68
Nasal index	do	87.25	79.63

[1] 5 feet 3⅜ inches.
[2] 5 feet 3¼ inches.
[3] 5 feet 5 inches.
[4] 5 feet 5⅞ inches.
[5] 33⅞ inches.
[6] 33¾ inches.
[7] 116¼ pounds.
[8] 121¼ pounds.

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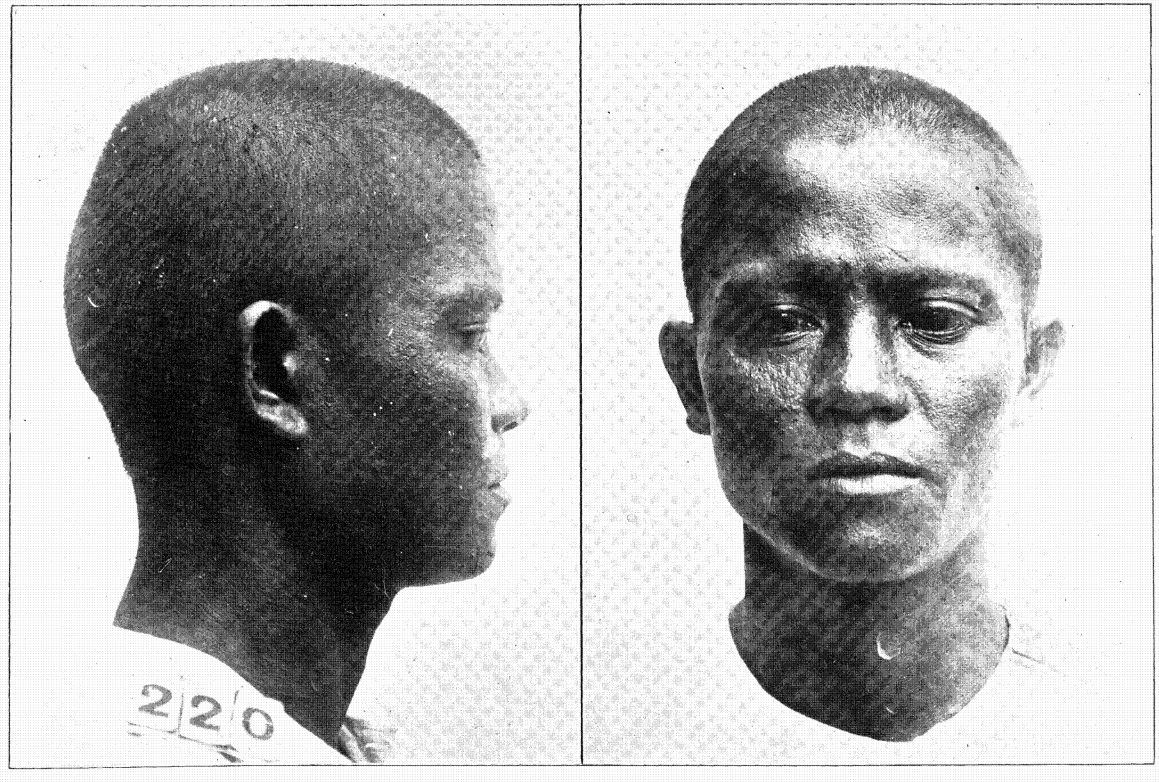

PLATE 72.

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A ZAMBAL OF ZAMBALES PROVINCE.

[Age, 30. Photo No. 77; Bilibid Prison No., 1732 P. Plate 73.]

		1 Zambal.	Averages of 17 Zambales.
Height, standing	meters	[1] 1.653	[2] 1.607
Span of arms	do	[3] 1.684	[4] 1.673
Width of shoulders	do	.384	.414
Length of head	do	.187	.179
Breadth of head	do	.148	.148
Height of nose	do	.049	.051
Breadth of nose	do	.037	.041
Chest	do	[5] .815	[6] .858
Weight	kilos	[7] 48.53	[8] 54.95
Cephalic index	per cent	79.15	82.68
Nasal index	do	75.51	79.63

[1] 5 feet $5\frac{1}{8}$ inches.
[2] 5 feet $3\frac{1}{4}$ inches.
[3] 5 feet $6\frac{1}{4}$ inches.
[4] 5 feet $5\frac{7}{8}$ inches.
[5] $32\frac{1}{8}$ inches.
[6] $33\frac{3}{4}$ inches.
[7] 107 pounds.
[8] $121\frac{1}{4}$ pounds.

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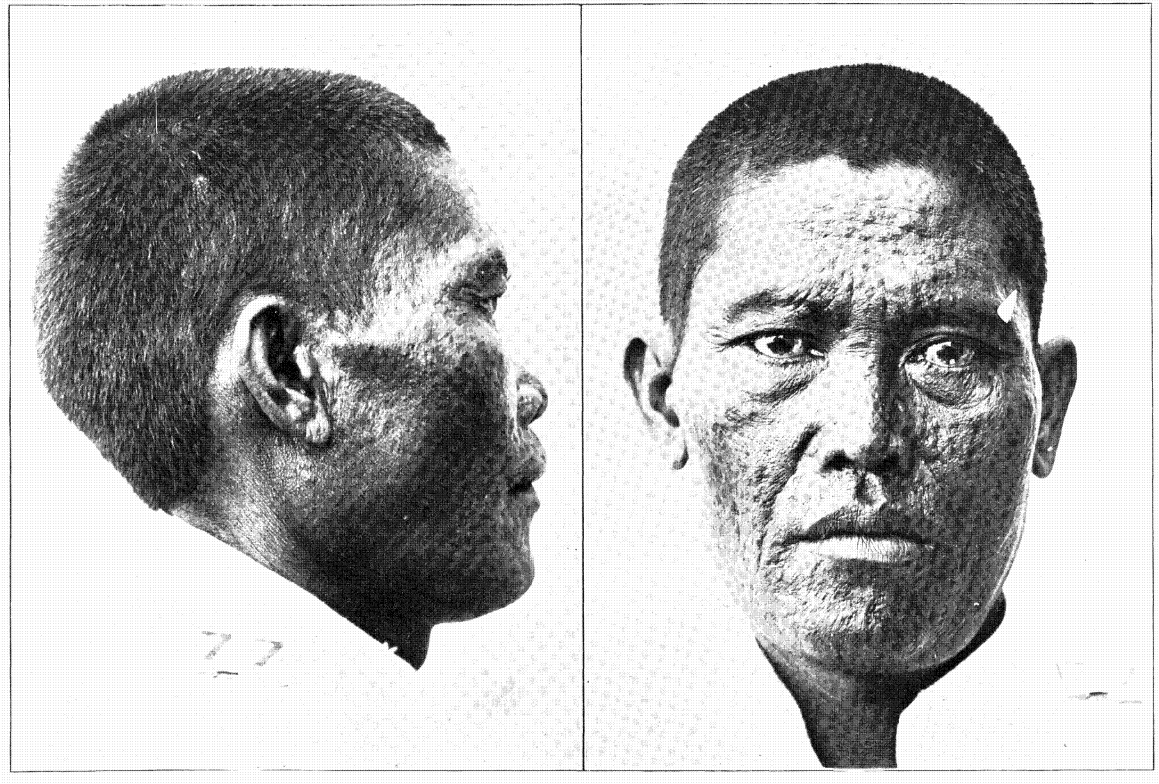

PLATE 73.

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AN IGORROTE OF UNION PROVINCE.

[Age, 29. Photo No. 213; Bilibid Prison No., 2634 P. Plate 74.]

		1 Igorrote.
Height, standing	meters	[1] 1.623
Span of arms	do	[2] 1.641
Width of shoulders	do	.420
Length of head	do	.184
Breadth of head	do	.147
Height of nose	do	.051
Breadth of nose	do	.039
Chest	do	[3] .875
Weight	kilos	[4] 50.92
Cephalic index	per cent	79.89
Nasal index	do	76.47

[1] 5 feet 3⅞ inches. [2] 5 feet 4⅝ inches. [3] 34½ inches. [4] 112¼ pounds.

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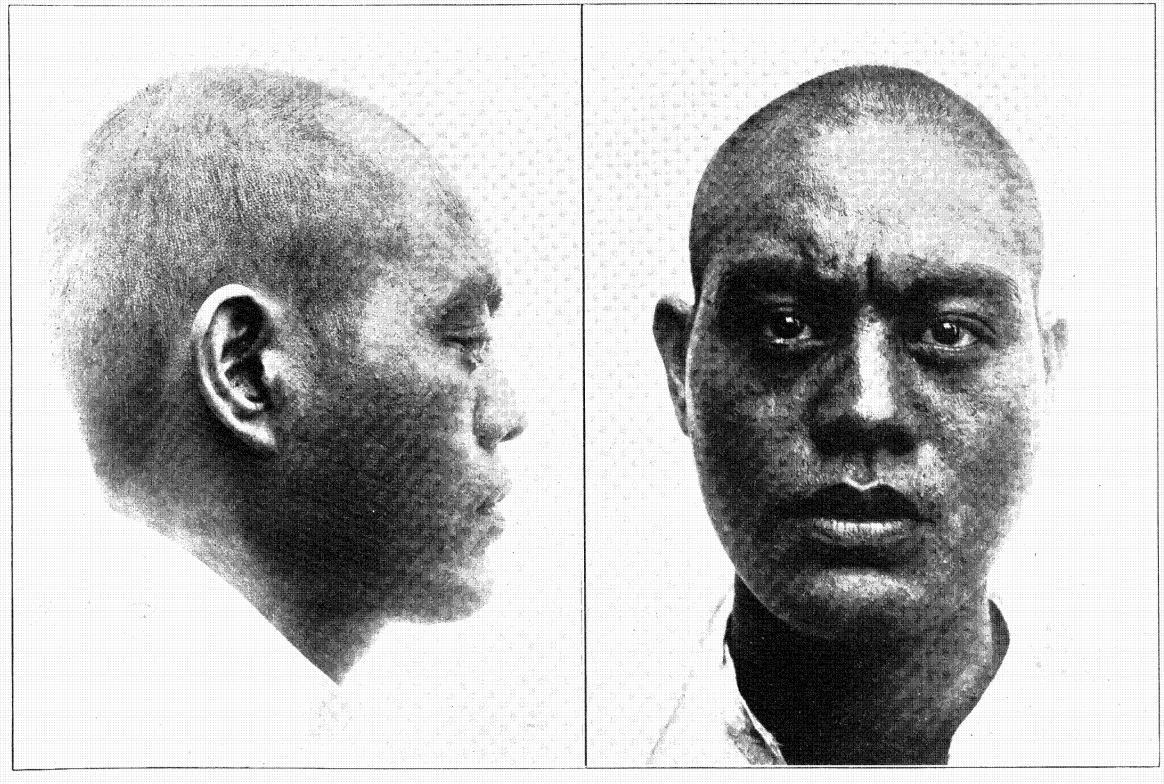

PLATE 74.

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A MANOBO OF SURIGAO PROVINCE.

[Age, 30. Photo No. 195; Bilibid Prison No., 2685 P. Plate 75.]

		1 Manobo.
Height, standing	meters	[1] 1.678
Span of arms	do	[2] 1.792
Width of shoulders	do	.448
Length of head	do	.190
Breadth of head	do	.152
Height of nose	do	.051
Breadth of nose	do	.042
Chest	do	[3] .935
Weight	kilos	[4] 63.84
Cephalic index	per cent	80.00
Nasal index	do	80.53

[1] 5 feet 6 inches. [2] 5 feet 10¼ inches. [3] 36¾ inches. [4] 114¾ pounds.

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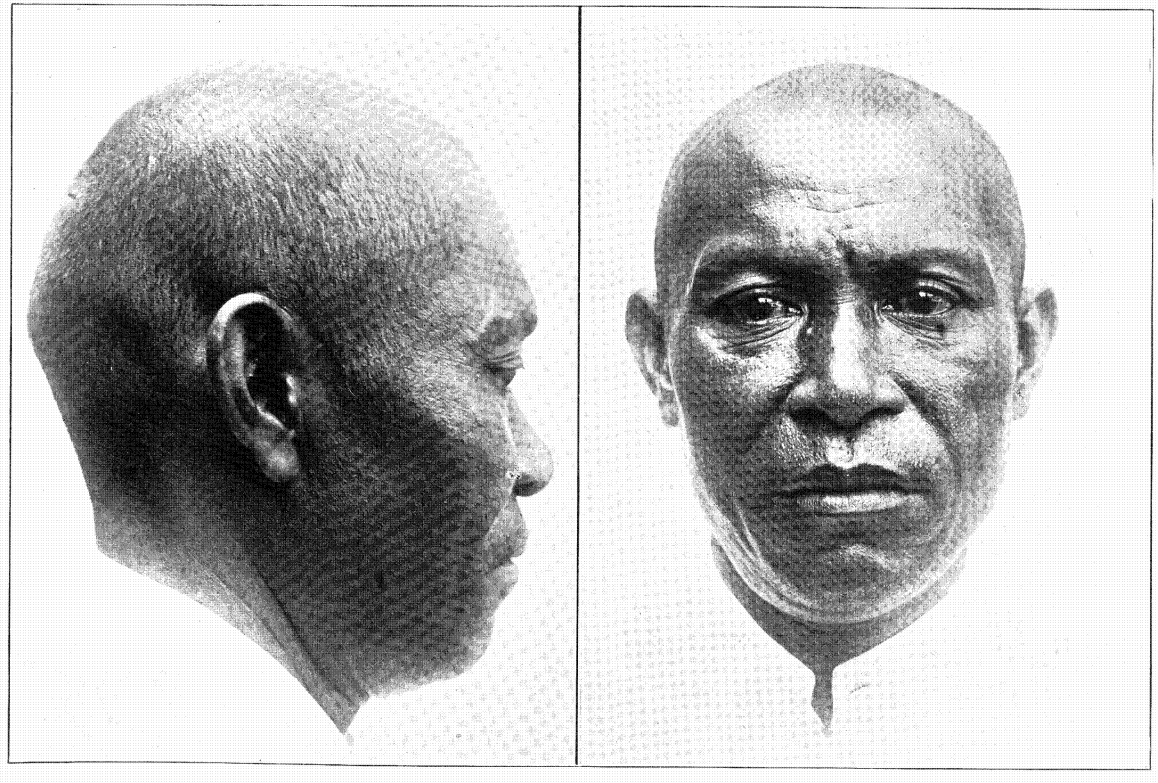

PLATE 75.

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A NEGRITO-TAGALOG OF BATAAN PROVINCE.

[Age, 25. Photo No. 4; Bilibid Prison No., 162 C. Plate 76.]

		1 Negrito-Tagalog.	Averages of 3 northern and southern Negritos.
Height, standing	meters	[1] 1.340	[2] 1.475
Span of arms	do	[3] 1.381	[4] 1.510
Width of shoulders	do	.349	.379
Length of head	do	.177	.179
Breadth of head	do	.143	.144
Height of nose	do	.041	.043
Breadth of nose	do	.040	.043
Chest	do	[5] .700	[6] .755
Weight	kilos	[7] 34.36	[8] 42.90
Cephalic index	per cent	80.79	80.45
Nasal index	do	97.56	100.00

[1] 4 feet 4¾ inches.
[2] 4 feet 10 inches.
[3] 4 feet 6⅜ inches.
[4] 4 feet 11½ inches.
[5] 27½ inches.
[6] 29¾ inches.
[7] 75¾ pounds.
[8] 98½ pounds.

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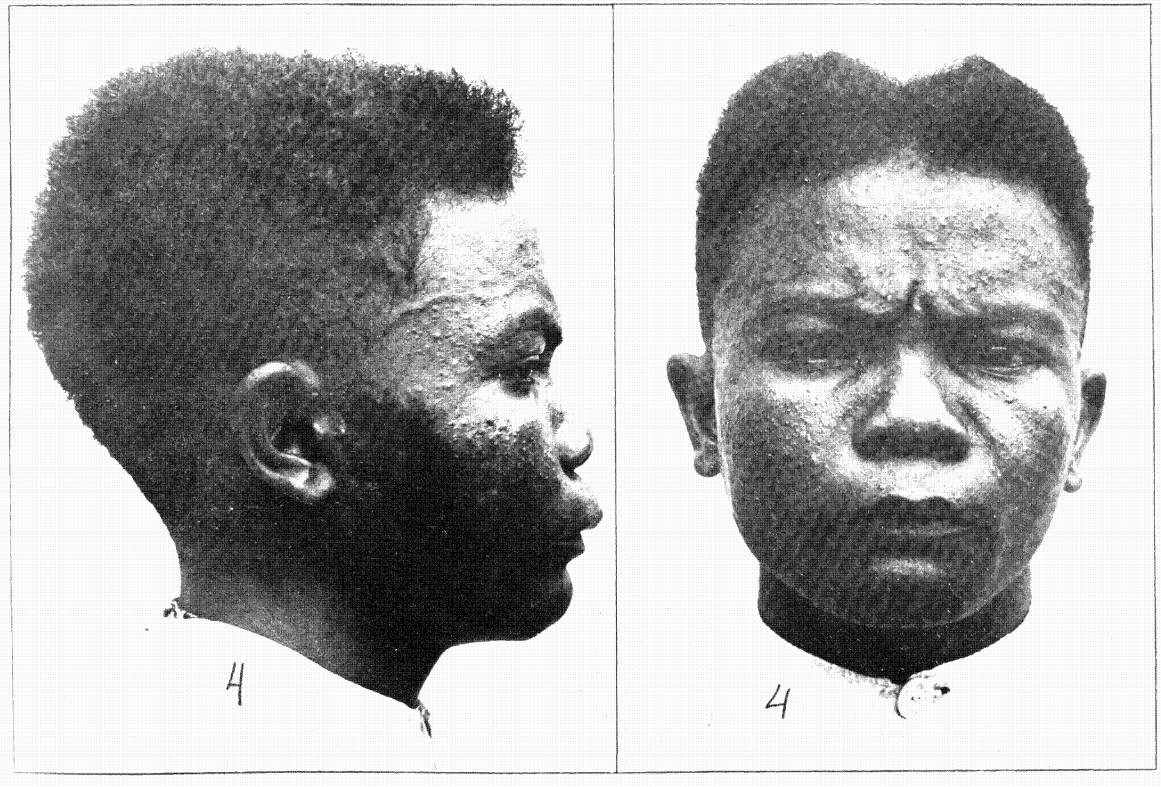

PLATE 76.

Hosted by Google

A NEGRITO-TAGALOG (1/4) OF BATAAN PROVINCE.

[Age, 30. Photo No. 292; Bilibid Prison No., 2900 C. Plate 77.]

		1 Negrito-Tagalog (1/4).	Averages of 3 northern and southern Negritos.
Height, standing	meters	[1] 1.497	[2] 1.475
Span of arms	do	[3] 1.538	[4] 1.510
Width of shoulders	do	.390	.379
Length of head	do	.182	.179
Breadth of head	do	.146	.144
Height of nose	do	.040	.043
Breadth of nose	do	.043	.043
Chest	do	[5] .756	[6] .755
Weight	kilos	[7] 43.54	[8] 42.90
Cephalic index	per cent	80.22	80.45
Nasal index	do	107.50	100.00

[1] 4 feet 11 inches.
[2] 4 feet 10 inches.
[3] 5 feet 1/8 inch.
[4] 4 feet 11 1/8 inches.
[5] 29 3/4 inches.
[6] 29 3/4 inches.
[7] 96 pounds.
[8] 98 1/2 pounds.

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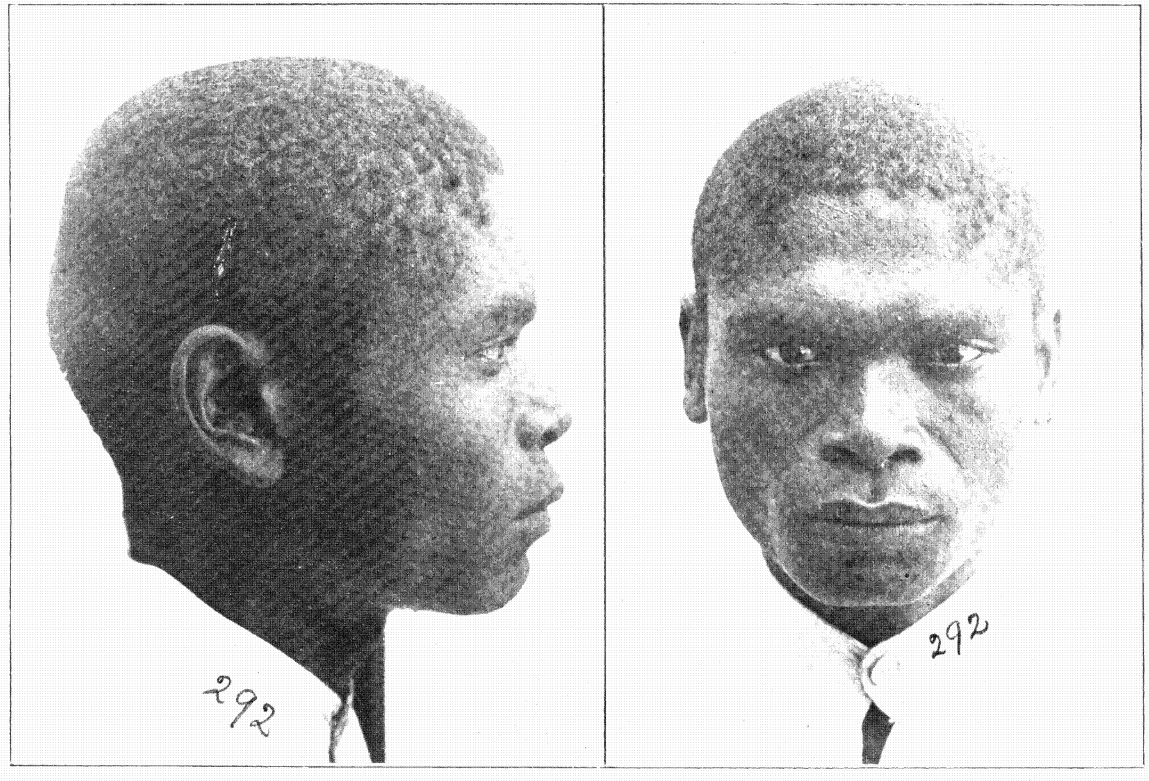

PLATE 77.

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A NEGRITO OF BATAAN PROVINCE.

[Age, 15. Photo No. 3; Bilibid Prison No., 2339 C. Plate 78.]

		1 Negrito.	Averages of 3 northern and southern Negritos.
Height, standing	meters	[1] 1.357	[2] 1.475
Span of arms	do	[3] 1.390	[4] 1.510
Width of shoulders	do	.323	.379
Length of head	do	.181	.179
Breadth of head	do	.142	.144
Height of nose	do	.042	.043
Breadth of nose	do	.043	.043
Chest	do	[5] .685	[6] .755
Weight	kilos	[7] 29.26	[8] 42.90
Cephalic index	per cent	78.45	80.45
Nasal index	do	102.38	100.00

[1] 4 feet 5⅜ inches.
[2] 4 feet 10 inches.
[3] 4 feet 6¾ inches.
[4] 4 feet 11⅛ inches.
[5] 27 inches.
[6] 29¾ inches.
[7] 64½ pounds.
[8] 98¼ pounds.

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PLATE 78.

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A NEGRITO OF PANAY ISLAND.

[Age, 24. Photo No. 5; Bilibid Prison No., 359 P. Plate 79.]

		1 Negrito.	Averages of 3 northern and southern Negritos.
Height, standing	meters	[1] 1.587	[2] 1.475
Span of arms	do	[3] 1.611	[4] 1.510
Width of shoulders	do	.398	.379
Length of head	do	.177	.179
Breadth of head	do	.142	.144
Height of nose	do	.048	.043
Breadth of nose	do	.046	.043
Chest	do	[5] .810	[6] .755
Weight	kilos	[7] 50.80	[8] 42.90
Cephalic index	per cent	80.23	80.45
Nasal index	do	95.83	100.00

[1] 5 feet 2½ inches. [3] 5 feet 3¼ inches. [5] 31⅞ inches. [7] 112 pounds.
[2] 4 feet 10 inches. [4] 4 feet 11½ inches. [6] 29¾ inches. [8] 98½ pounds.

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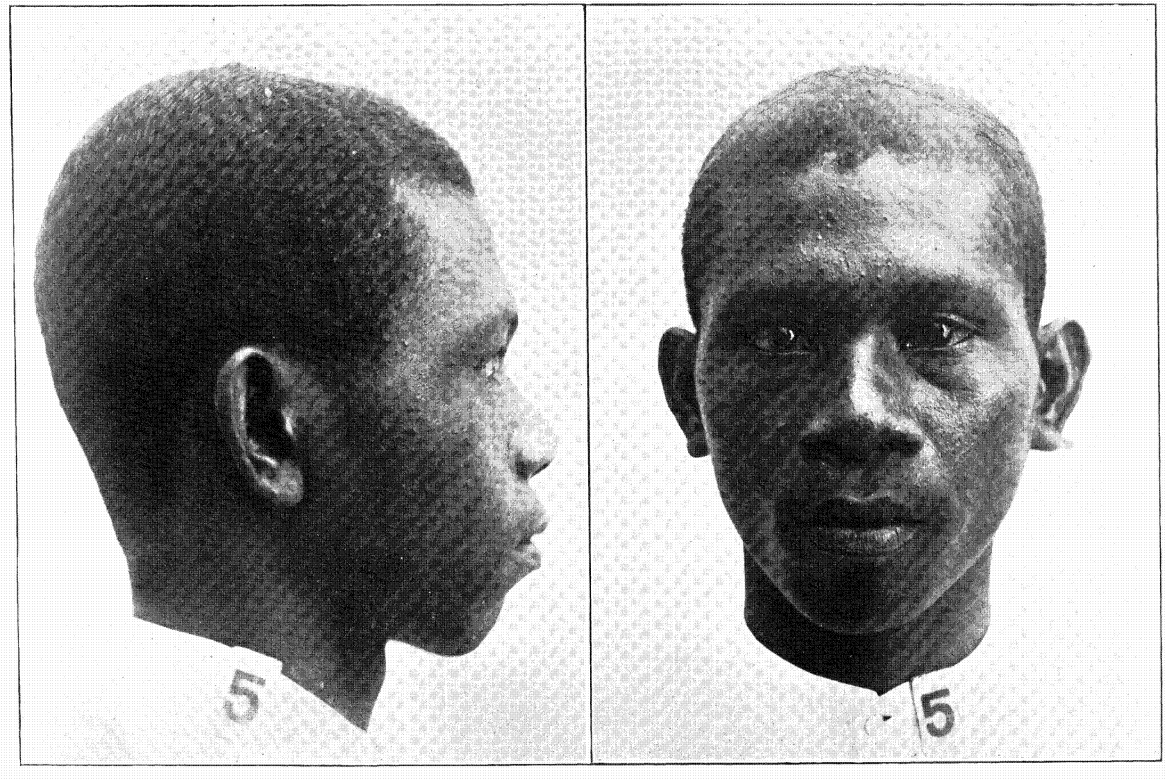

PLATE 79.

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A NEGRITO OF NEGROS ISLAND.

[Age, 30. Photo No. 293; Bilibid Prison No., 2036 D. Plate 80.]

	1 Negrito.	Averages of 3 northern and southern Negritos.
Height, standing ..... meters	[1] 1.603	[2] 1.475
Span of arms ..... do	[3] 1.645	[4] 1.510
Width of shoulders ..... do	.388	.379
Length of head ..... do	.189	.179
Breadth of head ..... do	.140	.144
Height of nose ..... do	.045	.043
Breadth of nose ..... do	.038	.043
Chest ..... do	[5] .752	[6] .755
Weight ..... kilos	[7] 44.91	[8] 42.90
Cephalic index ..... per cent	74.07	80.45
Nasal index ..... do	84.44	100

[1] 5 feet 3⅛ inches.
[2] 4 feet 10 inches.
[3] 5 feet 4¾ inches.
[4] 4 feet 11½ inches.
[5] 29⅝ inches.
[6] 29¾ inches.
[7] 99 pounds.
[8] 98½ pounds.

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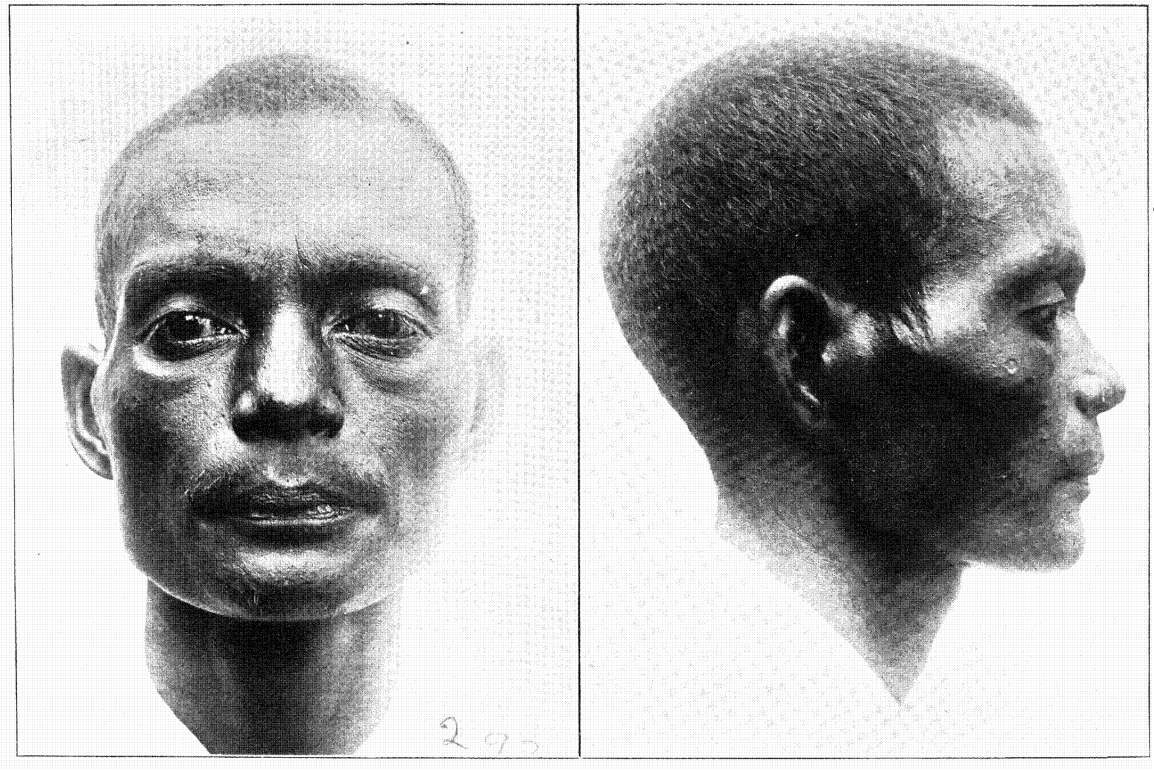

PLATE 80.

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